Interagency Report Control No L 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0053 CUSTOMER NO. 1172

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

See Attached Listing

include Zip Code)

PIERCE COLLEGE
6201 WINNETKA AVENUE
WOOD! AND HILLS CA 91371

WOODLAND HILLS, CA 91371 (818) 347-0551

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			16		16
5. Cats			18		18
6. Guinea Pigs			Ø		
7. Hamsters			6		
3. Rabbits			6		6
9. Non-Human Primates			Ø		
10. Sheep			Ø		
11. Pigs		,	Ø		
12. Other Farm Animals	· · · · · · · · · · · · · · · · · · ·		Ø		
13. Other Animals			6		
ASSURANCE STATEMENTS					-

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive Officer or Legally Responsible Institutional official)	
-	DATE SIGNED
	10/18/01

HEADQUARTERS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0053

Customer Number:

1172

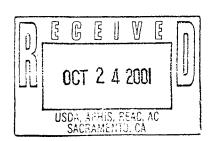
Facility:

PIERCE COLLEGE

6201 WINNETKA AVENUE WOODLAND HILLS, CA 91371

(818) 347-0551

PIERCE COLLEGE 6201 WINNETKA AVENUE WOODLAND HILLS, CA 91371



Larighteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0064

CUSTOMER NO. 1170

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) HEINZ PET PRODUCTS 212 TERMINAL WAY TERMINAL ISLAND, CA 90731

(310) 519-2891

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach addition	nal					
sheets if necessary.)						
FACILITY LOCATIONS(sites)						
Son Attached Listing						

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		163			163
5. Cats		414			163
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				OCT 18 2001	
				GRAY 1944S REAC, AC SACRAMENTO, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF CEO OF INSTITUTIONAL OFFICIAL

THAME & TITLE OF CEO OF INSTITUTIONAL OFFICIAL CTION OF Print)

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0066

CUSTOMER NO. 1169

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, SALK INSTITUTE FOR BIOLOGICAL STUDIES

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional 10010 N. TORREY PINES ROAD

SALK INSTITUTE FOR BIOLOGICAL STUDIES FACILITY LOCATIONS(sites) LA JOLLA, CA 92037

1	B. Number of	CALL	T (Altach additional sheets if nec	25226	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or	which teaching, research, experiments, or tests were conducted	which experiments, teaching, research, surgery, or tests were conducted involving accompanying one accompany	essary or use APHIS FORM 7023A) E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procession.	F. TOTAL I OF ANIM
4. Dogs	surgery but not yet used for such purposes.	involving no pain, distress, or use of pain- relieving drugs.	distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	(Cols. (
5. Cats				uns report)	
5. Guinea Pigs	4				
Hamsters			76		
Rabbits	7				76
Non-Human Primates	3		187		187
. Sheep			33		33
Pigs					
Other Farm Animals					
Other Animals					
ets					
ts			133		
PANOS			133		133
RANCE STATEMENTS Professionally acceptable standards and following actual research, teach Each principal investigators by					133

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching testing surgery or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the property of all the exceptions is attached to this annual report. In This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

	and dae.	authority to ensure the provision of adequa	ate veterings.
	CERT	IFICATION BY HEADQUARTERS RESEAR of Executive Officer or Legally Responsible	rotermary care and to oversee the adequacy of other
	(Chie	of Executive Officer - I WARTERS RESEAR	RCH FACILITY OFFICE
SIGNATURE OF	C.E.O. OR INSTITUTIONAL OFF	ef Executive Officer or Legally Responsible that the above is true, correct, and complete (CIA)	le Institutional official)
			3)
			CIAL (Type or Print) DATE SIGNED
(ALIC 04)	Weblacas A2 EOBW 4	9.20.42	
(AUG 91)	Orthr	8-23 (Oct 88), which is obsolete	11/21/2001
			PART 1 - HEADQUARTERS
			TEADQUARTERS

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

93-R-0066

Customer Number:

1169

Facility:

SALK INSTITUTE FOR BIOLOGICAL STUDIES

10010 N. TORREY PINES ROAD

LA JOLLA, CA 92037

Site A: UCSD Elliott Field Station Site A: 10205 Pomerado Road Site A: San Diego, CA 92131 Site B: UCSD Medical Center Site B: 320 W. Dickinson St. Bldg. A

Site B: San Diego, CA 92103

Site C: University of Colorado Health Sciences Center

Site C: 4200 East ninth Avenue Site C: Denver, Colorado 80262

Lafi9nteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0074 CUSTOMER NO. 1167 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BECKMAN COULTER, INC. P.O. BOX 3100 4300 N. HARBOR BLVD. FULLERTON, CA 92834 (714) 773-4848

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing NIA RANCH FACILITY 30481 GRAND AVE. SUN CITY, CA 92585 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of D. Number of animals upon C. Number of E. Number of animals upon which teaching, animals being animals upon which experiments experiments, research, surgery or tests were Animals Covered teaching, research, bred. which teaching, conducted involving accompanying pain or distress TOTAL NO By The Animal conditioned, or research. surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs used must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pios 7. Hamsters 8. Rabbits Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals GOATS 42 152 51 203 13. Other Animals ASSURANCE STATEMENTS 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and tid oversee the adequacy of other. aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

Arnio Furivi XUZO (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART T-HEADQUARTERS

DATE SIGNED

11/02/01

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0074

Customer Number:

1167

Facility:

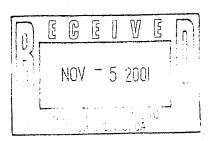
BECKMAN COULTER, INC.

P.O. BOX 3100

4300 N. HARBOR BLVD. FULLERTON, CA 92834

(714) 773-4848

BECKMAN COULTER, INC. 30481 GRAND AVE SUN CITY, CA 92585



Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0080

CUSTOMER NO. 1165

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

COSUMNES RIVER COLLEGE 8401 CENTER PARKWAY SACRAMENTO, CA 95823 (916) 688-7236

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	' (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			14		14
5. Cats			8		8
6. Guinea Pigs		4			4
7. Hamsters					
8. Rabbits		Ц			4
9. Non-Human Primates		•			-
10. Sheep					
11. Pigs					
12. Other Farm Animals					
				,	
13. Other Animals					
			<u> </u>	1077 15 10 15 11 W 15	
ASSURANCE STATEMENTS				ITTV 15 JF 15 H W 15	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic; analysisc, and tranquilizing drugs; prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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 This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and tologistee the adequacy of other aspects of animal care and use. SACRAMENTO, CA

CERTIFICATION BY HEADQUARTERS RESEARCH FACI	LITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institut	ional official)
I certify that the above is true, correct, and complete (7 U.S.C. S	ection 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/5/01

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0082 CUSTOMER NO. 1163

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LOYOLA MARYMOUNT UNIVERSITY 7900 LOYOLA BLVD. LOS ANGELES, CA 90045

	VEDOITY.		FACILITY LOCATIONS(sites)		
LOYOLA MARYMOUNT UNIV LOS ANGELES, CA 90045	VERSITY				
REPORT OF ANIMALS USED BY		OF RESEARCH FACILITY	(Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					1
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					<u> </u>
					
Ì					

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
I certify that th	ve Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10/18/2001

ASSURANCE STATEMENTS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0084 CUSTOMER NO.

FORM APPROVED S

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zio Code)

POMONA COLLEGE 550 N. COLLEGE AVE. CLAREMONT, CA 91711 (909) 621-8328

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)— Scarce South Hell, Pomona College

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of D. Number of animals upon E. Number of animals upon which teaching, C. Number of animals being animals upon experiments, research, surgery or tests were which experiments, which teaching, Animals Covered bred teaching, research, conducted involving accompanying pain or distress TOTAL NO By The Animal conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS held for use in Welfare Regulations experiments, or anesthetic analgesic, or tranquilizing drugs would conducted involving teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C + experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these involving no pain, distress, or and for which appropriate surgery but not anesthetic, analgesic, or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. relieving drugs. used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of anim	al care and use.					
		RTIFICATION BY HEADQUA				
		I certify that the above is true, co	orrect, and complete (7 U.S.C. Section 2143)		
<u> </u>				VL (T)	rpe or Print)	DATE SIGNED
				\		12-3-01
(AUG 91)			עיון		PART 1	- HEADQUARTERS
		,	10]			

La interagency Report Control No 130-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0088

CUSTOMER NO. 1161

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF LA VERNE **BIOLOGY DEPARTMENT, ROOM 250** 1950 THIRD STREET LA VERNE, CA 91750 (909) 593-3511

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL	F RESEARCH FACILITY	' (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					· .
5. Cats					
6. Guinea Pigs					
7. Hamsters					
3. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Rats	115	80	200		280
Mice	65	• :			
				7 . C. 7 H NO P	
ASSURANCE STATEMENTS					
			animals, including appropriate use re followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,

2) Each principal investigator has considered alternatives to painful procedures.

OCT 4 9 2001 2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy or other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)		
٤)	DATE SIGNED
			10/18/01
Ā		ART 1 - HEADQUARTE	

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0098 CUSTOMER NO. 1166

FORM APPROVED DATIS

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

I C N PHARMACEUTICALS, INC. 3300 HYLAND AVENUE COSTA MESA, CA 92626 (714) 545-0100

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

ICN Biomedicals, 550 Center Hall Road

Cochranville, PA 19330

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	purposes.	relieving drugs.	used.	must be attached to this reporty	
5. Cats		4-E-4-1			
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		289			289
9. Non-Human Primates					
10. Sheep		6			6
11. Pigs					,
12. Other Farm Animals					
Goats		107			107
13. Other Animals					
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

BY HEADQUARTERS RESEARCH FACILITY OFFICIAL						
(Chief Executive Officer or Legally Responsible Institutional official)						
e above is true, correct, and complete (7 U.S.C. Section 2143)						
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
	11-20-01					
	e above is true, correct, and complete (7 U.S.C. Section 2143)					

Anteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0099 CUSTOMER NO. 1164

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA; include Zip Code)

DREW UNIVERSITY OF MEDICINE & SCIENCE 1621 EAST 120TH STREET

1621 EAST 120TH STREET LOS ANGELES, CA 90059 (213) 563-4854

 REPORTING FACILITY (List al sheets if necessary.) 	l locations where animals			or experimentation, or held for these purposes. Attach add	itional
		F	ACILITY LOCATIONS(sites)		·
See Attached Listing					
·					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	' (Attach additional sheets if nece		
A. Animals Covered By The Animal Welfare Regulations .	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs		8			. 8
5. Cats					
6. Guinea Pigs					
7. Hamsters		105			105
8. Rabbits	-	**************************************			
9. Non-Human Primates					
10. Sheep					
11. Pigs		***************************************			
12. Other Farm Animals					
13. Other Animals					
				[HU 601 2 5 CC]	
			animals, including appropriate use re followed by this research facilit	bf anestheticl agalgesic; and trandúllizing drugs, prior to, SACRAMENTO, CA	during,
Each principal investigator ha			to londwed by this research facility	M SHORMENTO, CM	
principal investigator and app addition to identifying the IAC	proved by the Institutional SUC-approved exceptions,	Animal Care and Use Co this summary includes a	mmittee (IACUC). A summary of brief explanation of the exception	standards and regulations be specified and explained by th all the exceptions is attached to this annual report, in ss, as well as the species and number of animals affected,	e
The attending veterinarian for aspects of animal care and u		appropriate authority to e	ensure the provision of adequate	veterinary care and to oversee the adequacy of other	

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

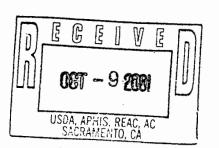
DATE SIGNED : 10/03/01

ART 1 - HEADQUARTERS

Annual Report Site Listing: Customer ID and Site Address:

Customer ID: 1164

1731 East 120th Street 3rd Floor, Vivarium Los Angeles, CA 90059 County: Los Angeles



Interagency Report Control No. 13(150180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0003 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SUTTER INST. FOR MED. RESEARCH 52ND AND F STREETS SACRAMENTO, CA 95819

(916) 733-1785

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing Sutter Institute for Medical Research
Research Laboratory Farm for boarding research farm animals
Sutter Memorial Hospital 31489 Road #19
\$\frac{22nd}{8acramento}, \frac{52}{5}.95819 Woodland, CA 95695

	OR UNDER CONTROL O		(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthatic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			13		13
5. Cats			7		7
6. Guinea Pigs			NA		NA
7. Hamsters			NA		NA
8. Rabbits			NA		ŅA
9. Non-Human Primates	,		NA		NA
10. Sheep			1		1
11. Pigs			149		149
12. Other Farm Animals					
Goat			1		1
13. Other Animals			NA		NA
					·
ASSURANCE STATEMENTS				of anothetic application and transmitting datase prior to d	

 Professionally acceptable standards governing the care, 	treatment, and use of animals, including appropriate use of	anesthetic, analgesic, and tranquilizing drugs, p	prior tol during
and following actual research, teaching, testing, surgery,	or experimentation were followed by this research facility.	SACRAMENTO, CA	!

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

DATE SIGNED

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²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Interagency Report Control No 13(IS 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0006 CUSTOMER NO. 1186

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LOMA LINDA UNIVERSITY ANIMAL CARE FACILITY MC B501 LOMA LINDA, CA 92350 (909) 558-4316

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATION

Att the distinct		
See Attached Listing	Risley Hall	Alumni Hal
Evans Hall	University Fa	arm

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs	0	0	10	0	10
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	25	10	0	35
7. Hamsters	171	0	350	0	350
8. Rabbits	0	3	28	0	31
9. Non-Human Primates	3	0	10	0	10
10. Sheep	47	5	282	. 0	287
11. Pigs	0	0	52	0	. 52
12. Other Farm Animals					
Goats	. 4	0	0	0	0 -
13. Other Animals				is the	
	`			3 3 6 6 111	
				1 NOV 4 2001 1111	
ASSURANCE STATEMENTS					

¹⁾ Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic analgesic and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11-7-01

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Interagency Report Control No 0180-DOA-AN

OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0007 CUSTOMER NO. 1187 FORM APPROVED La

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CITY OF HOPE NATIONAL MEDICAL CENTER
1500 E. DUARTE RD.
DUARTE, CA 91010
(948) 357 9711

	DUARTE, CA 91010 (818) 357-9711
 REPORTING FACILITY (List all locations where animals were housed or used in actual research, sheets if necessary.) 	testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LOCA	TIONS(sites)
See Attached Listing Animal Resources Center - Parvin	
Biomedical Research Building	
-	

A.	B. Number of	C. Number of	Number of animals upon	ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	TOTAL NO. OF ANIMALS (Cols, C+ D+E)
	purposes.	relieving drugs.	used.	must be attached to this report)	
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	2	14			14
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				R I V B I	

1)	Professionally acceptable standards governing the care	, treatment, and use o	if animals, including	appropriate use of	agesthetic, ar	naigesic, and train	iquiliziną drugs, (prior to	a, durin
	Professionally acceptable standards governing the care and following actual research, teaching, testing, surgery	y, or experimentation w	vere followed by this	research Hilly	2 6 2D	n Hyn			

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

DATE SIGNED

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0011 CUSTOMER NO. 1191

FORM APPROVED 51,127 CMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Norms and Address, as registered with USDA Include Zip Code)

CHILDRENS HOSP OF LOS ANGELES RES. INS, 4850 SUNSET BLVD., M.S. #84 LOS ANGELES, CA 90027 (213) 889-2230

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, tesching, or experimentation, or held for these purposes. Attach additional sheets of necessary.)

FACILITY LOCATIONS (sines)

See Aftached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposess.	C. Number of animals upon which teaching, research, experiments, or tests were conducted implying no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, tosching, rosparch, surgery, or tests were conducted involving accompanying pain or distress to the enimals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anosthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedure is producing pain or distress in these animals are the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (COLE C+ O+E)
4. Dogs	0	0	0	U	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	52	0	52
7. Harnsters	0	0	15	0	15
8. Rabbits	0	0	51	0	51
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13, Other Animals	Ñ/A				
`	ž.				
;					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anisathetic, analgesic, and panquitzing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered attenuatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal immedigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

DATE SIGNED

... ADQUARTERS

(AUG 91)

NOV 2 | 2001

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0011

Customer Number:

1191

Facility:

CHILDRENS HOSP OF LOS ANGELES RES. INS.

4650 SUNSET BLVD., M.S. #84 LOS ANGELES, CA 90027

(213) 669-2230

CHILDRENS HOSP OF LOS ANGELES RES. INS. 4650 SUNSET BLVD., M.S. #84 LOS ANGELES, CA 90027

NOV 2 1 2001

Larisonteragency Report Control No 0180-DOA-AN

. UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0015 CUSTOMER NO. 1192

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

2. HEADQUARTER
include Zip Code

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SCRIPPS RESEARCH INSTITUTE 10550 N. TORREY PINES ROAD MB18 LA JOLLA, CA 92037 (858) 784-8048

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A.

B. Number of animals being bred, conditioned, or held for use in teaching, teaching, experiments, research, experiments, research, experiments, research, experiments, research, or surgery, or tests were conducted involving accompanying pain or distress to the animals interpretation of the teaching, research, experiments, or surgery, or tests or anesthetic, analgesic, or transquilizing drugs would have adversely affected the procedures, results, or experiments, underty or tests. (An explanation of the procedures producing pain or distress in these

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	-0-	-0-	-0-	-0-	-0-
5. Cats	-0-	-0-	26	-0-	26
6. Guinea Pigs	-0-	-0-	18	-0-	18
7. Hamsters	-0-	-0-	11	-0-	11
3. Rabbits	-0-	-0-	1,206	-0-	1,206
9. Non-Human Primates	-0-	~0-	103	-0-	103
10. Sheep	-0-	-0-	-0-	-0-	-0-
11. Pigs	-0-	-0-	-0-	-0-	-0-
12. Other Farm Animals					
goats	7	-0-	-0-	-0-	-0-
13. Other Animals					
naked mole rat	19	-0-	-0-		-0-
				NOV 1 4 2001	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	
s		CAUUI
A	, ,	ADQUARTERS



The following sites have been reported by the facility.

Registration Number:

93-R-0015

Customer Number:

1192

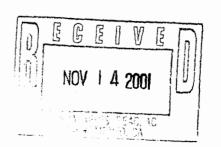
Facility:

SCRIPPS RESEARCH INSTITUTE 10550 N. TORREY PINES ROAD MB18

LA JOLLA, CA 92037 (858) 784-8048

(1) SCRIPPS RESEARCH INSTITUTE 10550 N. TORREY PINES ROAD MB18 LA JOLLA, CA 92037

- (2) Scripps Research Institute 11107 Roselle St. San Diego, CA 92121
- (3) Elliot Field Station 10205 Pomerado Road San Diego, CA



additional information.

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0018

CUSTOMER NO. 1188

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BAYER CORPORATION P. O. BOX 1986 BERKELEY, CA 94701 (510) 420-5315 705-4648

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites) See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		70	33		103
9. Non-Human Primates			107		107
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals		· ·			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

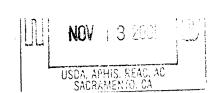
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
Learlify that the above is true, correct, and complete (7.11.S.C. Section 2143)

HEADQUARTERS

DATE SIGNED

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APHIS Form 7023 Site List

·The following sites have been reported by the facility.

Registration Number:

93-R-0018

Customer Number:

1188

Facility:

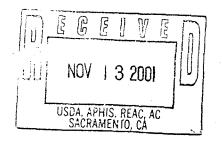
BAYER CORPORATION

P. O. BOX 1986

BERKELEY, CA 94701

(510) 420-5315 7-05-4648

BAYER CORPORATION 800 DWIGHT WAY BERKELEY, CA 94701



Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0020 CUSTOMER NO. 1185

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF SOUTHERN CALIFORNIA UNIVERSITY PARK LOS ANGELES, CA 90089 (323) 442-1689

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animats and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	5	34	0	. 39
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	55	15	0	70
7. Hamsters	0	0	173	0	173
8. Rappits	0	262	1,322	0	1,584
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	1	234	0	235
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, erior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

NOV 7 200

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

10/31/01

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0025

CUSTOMER NO. 1184 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA 2151 BERKELEY WAY, ROOM 701 BERKELEY, CA 94704 (510) 540-3168

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

Berkelev

Suisun

purposes.	pain, distress, or use of pain- relieving drugs.	and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	(Cols. C + D + E)
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61	105		(b)(6), (b)(7)c	105
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				-0-
				-0-
				-0-
				9559
16,297	9559			25,856
				29 Nog 01. - al

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

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DATE SIGNED

APHIS FURIN 1023 (AUG 91)

(REPIACES VS FURM 18-23 (UCT 88), Which is obsolete

(b)(6), (b)(7)c

PARI 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0028

CUSTOMER NO. 1181

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

Caltech Campus

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD.

M C 156-29 PASADENA, CA 91125 (626) 395-4957

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) B. Number of C. Number of E. Number of animals upon which teaching, D. Number of animals upon animals being animals upon which experiments. experiments, research, surgery or tests were bred. Animals Covered which teaching, teaching, research. conducted involving accompanying pain or distress TOTAL NO. By The Animal Welfare Regulations conditioned or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, have adversely affected the procedures, results, or tests were accompanying pain or (Cols. C + experiments, conducted interpretation of the teaching, research, distress to the animals D + E) research, or involving na and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used relieving drugs. purposes. must be attached to this report) used. 4. Dogs 5 Cats 0 6. Guinea Pigs 4 7. Hamsters 3. Rabbits 30 9. Non-Human Primates 4 10 Sheen 11. Pigs 12. Other Farm Animals 13. Other Animals IJ 83554,

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)		
5		r Print)	DATE SIGNED
			10-15-01

ASSURANCE STATEMENTS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0030 CUSTOMER NO. 8229

FORM APPROVED OMB NO. 0579-0036

Laris

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 CHILDREN'S HOSP. MED. CENTER OF NO. CALI

CHILDREN'S HOSP, MED. CENTER OF NO. 747 52ND STREET OAKLAND, CA 94609 (510) 428-3461

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

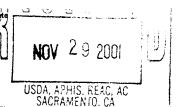
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Children's Hospital Oakland	
5700 Martin Luther King Jr.	Way
Oakland, CA 94609	

REPORT OF ANIMALS USED B	Y OR UNDER CONTROL C	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)		
A. Animals Covered By The Animal Welfare Regulations	<u>`</u>		Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	OF ANIMA (Cois. C D+E)	
4. Dogs						
5. Cats						
6. Guinea Pigs			40		40	
7. Hamsters						
8. Rabbits						
9. Non-Human Primates						
10. Sheep						
11. Pigs						
12. Other Farm Animals						
13. Other Animals						
ASSURANCE STATEMENTS						

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
CICNATURE OF CEO OR INSTITUTIONAL OFFICIAL	MAME & TITLE OF CEO OF INSTITUTIONAL OFFICIAL China of Delay	DATE SIGNED					
		11/27/01					

APHIS FORM 7023/ (AUG 91) (Replaces //S FORM 18-23 (Oct 88), which is obspirete



PART 1 - HEADQUARTERS

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0032

CUSTOMER NO. 1179

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CEDARS-SINAI MEDICAL CENTER 8700 BEVERLY BLVD., DAVIS 7004 LOS ANGELES, CA 90048 (310) 855-5000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of E. Number of animals upon which teaching, C. Number of Number of animals upon animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered bred, conducted involving accompanying pain or distress TOTAL NO. which teaching. teaching, research, conditioned, or to the animals and for which the use of appropriate OF ANIMALS By The Animal research, surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, (Cols. C+ tests were accompanying pain or have adversely affected the procedures, results, or experiments, interpretation of the teaching, research, D + E) distress to the animals conducted research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used used. must be attached to this report) relieving drugs 4. Dogs 102 102 5. Cats 6. Guinea Pigs 7. Hamsters 12 78 66 193 Rabbits 193 9. Non-Human Primates 10. Sheep 263 263 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
		,
SIGNATURE OF C.E.C		: SIGNED

/13/01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

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PART 1 - HEADQUARTERS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0032

Customer Number:

1179

Facility:

CEDARS-SINAI MEDICAL CENTER 8700 BEVERLY BLVD., DAVIS 7004

LOS ANGELES, CA 90048

(310) **85**-5000 - Main Campus Phone Number 423

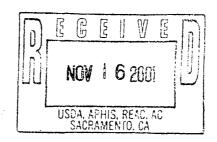
Cedars-Sinai Medical Center

BURNS & ALLEN RES. INST. -- Davis Building Floors G-7

8700 BEVERLY BLVD., DAVIS 7004 (Department of Comparative Medicine)

LOS ANGELES, CA 90048

(310)423-7684



Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE . ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0034 CUSTOMER NO. 1178

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA PACIFIC MED. CTR. 2340 CLAY STREET, SUITE 533 SAN FRANCISCO, CA 94115 (415) 561-1616

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A.

B. Number of animals being animals being animals upon which teaching, animals upon which teaching, animals upon which teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate OF ANIMALS

REPORT OF ANIMALS USED BY		F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats			7		7
6. Guinea Pigs			4		4
7. Hamsters			_		
8. Rabbits			1		1
9. Non-Human Primates			3		3
10. Sheep			0		0
11. Pigs			0		0
12. Other Farm Animals					
			-		
13. Other Animals					Nation

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)		
si !		/pe or Print)	DATE SIGNED

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ASSURANCE STATEMENTS

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PART 1 - HEADQUARTERS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0034

Customer Number:

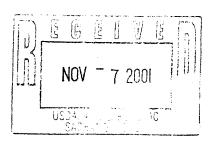
1178

Facility:

CALIFORNIA PACIFIC MED. CTR. 2340 CLAY STREET, SUITE 533 SAN FRANCISCO, CA 94115

(415) 561-1616

CPMCRI 2200 WEBSTER STREET SAN FRANCISCO, CA 94115



Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0035

CUSTOMER NO. 1177

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA INSTITUTE FOR MEDICAL RESEARCH 2260 CLOVE DRIVE SAN JOSE, CA 95128 (408) 998-4554

······································		f	ACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS {Cols. C + D + E}
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			38		38
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
,					
ASSURANCE STATEMENTS					
	landarde governing the con-	a treatment and use of a	nimala inglissing gamensisters	of anesthetic, analgesic, and tranquilizing drugs, prior to, of	Colo and Col

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

2) Each principal investigator has considered alternatives to painful procedures.

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4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

DATE SIGNED

IT 1 - HEADQUARTERS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 REGISTRATION NO. 93-R-0036

FORM APPROVED OMB NO 0579-0036 Laris

2. HEADQUARTERS RESEARCH FACILITY (Name and AUUrass, as registered with USDA include dia Court

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Huntington Medical Research Institutes 99 North El Molino Ave. Pasadena, CA 91101

3. REPORTING FACILITY (List bit sneeds it necessary.)	locations where animals	were housed or used	יע אלוחאו נבא	wich, lesting, tea	ching, or expo	rimentation, or	held for these purpose	rs. Attach additional	
		FA	CILMY FOCA	TONS ISHED					
734 Fairmount Av	enue, Pasad	lena		99 N. E	El Moli	no, Pas	sadena		
660 C Pair Oaka	Arronna D								
660 S. Fair Oaks	AVENUE , Pa	SACENA RESEARCH FACILITY	IARSON -IN	ilional surets il ne	COSSON OF US	e APHIS FORM	1 70234)		_
Animals Deviced Dred. By The Animal Covered Stripe Conditioned, or held for use in leaching, lesting, experiments, or experiments, research, or surgery but not surgery but not pain, distress, or enesthering.			ind unimals upon making tracking conducted involving accompanying pain or distress conducted involving accompanying pain or distress to the animals and for which the use of appropriate unestibility analysis, or instruments which in the inimals and to which the use of appropriate unestibility analysis; or interpretation of the leaching, research, to the inimals which appropriate and to which the use of appropriate unestibility, analysis, or interpretation of the leaching, research, surgery, or lests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be effected to this report).			priate TOTAL NO OF ANIMAL IS, or (Cols. Continue Description of the price of the pr	Ls +		
4. Dogs					i				
5. Cats X	17	11		15				26	
5. Guinea Pigs X				52			· · · · · · · · · · · · · · · · · · ·	52	
7. Hamsters						· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
3. Rabolts X	8			90				90	
9 Non-cuman Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals				•	1 1 1				
				. !					
t3 Other Anunais									_
Rats x	4			5				65	
					E E	BIIN			
ASSURANCE STATEMENTS				J U		<u> </u>			
7) Professionally acceptable stand following account research 2). Each principal investigation in the principal investigator and be authorized in determined in the principal investigator and be authorized to identifying the IA. 4). The attending vetermation for	h, teaching, testing, sen las considered atternation e syandards and regular proved by the institution CUC-approved excipción	gery, or experimentalisens to pointial procedus irons maler the Act, an mul Anghal Cure and C ans, this summary lines	on were lotton din has requi lse Garningto ides a brief e	ired that e deption in the day	NOV	28 20	paining of specified and the second of this	it explained by the samual report. In initials officially.	
ाताचा एकर जात वडल.	(Chief Ex	TION BY HEAD	r Legally	Responsible.	Snatitution	ial Official	IAL.		
	ا ورو،	ine above is i	rine, correct.	arkt complete (7 t	r S.C. Seidinn	2143)	The or Print)	DATE SIGNED	_
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								11/27/0) 1

APHIS FORM 7023 (AUG 91) pluces VS FORM 18-23 (OCT 88), which is obsolute

Annual Report Site Listing:

Huntington medical Research Institutes

Cust ID: 1176

734 Fairmount Avenue Pasadena, CA 91105 County: Los Angeles Telephone (626) 397-5436

Cust ID: 1176

99 Norht El molino Ave. Pasadena, CA 91101 County: Los Angeles Telephone (626) 795-5774

Cust ID: 1176

660 South Fair Oaks Ave. Pasadena, CA 91105 County: Los Angeles Telephone (626) 397-5846

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0041

CUSTOMER NO. 1175

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

RESEARCH INSTITUTE AMES BLDG 795 EL CAMINO REAL

N.B.: area code is (650)

PALO ALTO, CA 94301 (650)853-4835

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

*please send all correspondence Attn: Dept. of Laboratory Animal Medicine

A. Animals Covered Animals Covered By The Animal Welfare Regulations Welfare Regulations B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.		C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	OF ANIMALS (Cols. C + D + E)	
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters						
3. Rabbits			3		3	
9. Non-Human Primates						
10. Sheep						
11. Pigs						
12. Other Farm Animals						
13. Other Animals						
ASSURANCE STATEMENTS				USDA APHIS PEAC AC		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analoges than dright and drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executi	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) ne above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL	NAMER TITLE OF CEO OF INSTITUTIONAL OFFICIAL (Type of Print)	DATE SIGNED
	<u> </u>	10/01/01

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0041

Customer Number:

1175

N.B.: area code is (650)

Facility:

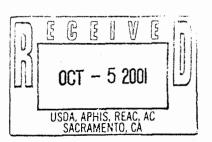
RESEARCH INSTITUTE AMES BLDG

795 EL CAMINO REAL PALO ALTO, CA 94301

(650 853-4835

PALO ALTO MEDICAL FOUNDATION AMES BLDG 795 EL CAMINO REAL PALO ALTO, CA 94301

*Please send all correspondence Attn: Department of Laboratory Animal Med.



interagency Report Control No 180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0045

CUSTOMER NO. 1174

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Research Admi OLIVE VIEW - UCLA 14445 OLIVE VIEW DRIVE, ROOM 218 LAB BLDG OFF LC

Laris LOS ANGELES, CA 91342

(818) 364-3434 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates		10			
10. Sheep		#/	0		
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
	 			TO 8 0	2 1 00

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other. aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Officer or Legally Responsible Institutional official)	
-		DATE SIGNED
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_		- HEADQUARTERS
M (MUG 31)		- HEADQUARTERS

Latifiteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO.
 93-R-0117

CUSTOMER NO. 1157

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MOUNT SAN ANTONIO COLLEGE

MOUNT SAN ANTONIO COLLEGE 1100 N. GRAND AVENUE WALNUT, CA 91789 (909) 594-5611

	(909) 394-3611	
 REPORTING FACILITY (List all locations where animals were housed or used in actusheets if necessary.) 	tual research, testing, teaching, or experimentation, or held for these purposes. Attach additional	
FAC	CILITY LOCATIONS(sites)	
See Attached Listing		

A. Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animats upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	00	285	0		285
5. Cats	0	24	0		24
6. Guinea Pigs	0				
7. Hamsters	0				
3. Rabbits	0				
9. Non-Human Primates	0				
10. Sheep	0				
11. Pigs	0				
12. Other Farm Animals	0				
13. Other Animals	0	· · ·			
				SEP 2 7 2001	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive Officer or Legally Responsible Institutional official)	
certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	

DATE SIGNED

24 Jegtos

The following sites have been reported by the facility.

Registration Number:

93-R-0117

Customer Number:

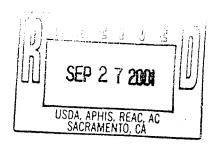
1157

Facility:

MOUNT SAN ANTONIO COLLEGE

1100 N. GRAND AVENUE WALNUT, CA 91789 (909) 594-5611

MOUNT SAN ANTONIO COLLEGE 1100 N. GRAND AVENUE WALNUT, CA 91789



Lari Interagency Report Control No 30180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0121

include Zip Code)

CUSTOMER NO. 1155

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

EDWARDS LIFESCIENCES LLC

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

(b)(6)_(b)(7)\$ way IRVINE, CA 92614

1905 AGHIC REAC AC

SACRAMENTO, CA

(949) 250-3508

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of D. Number of animals upon animals being animals upor which experiments, experiments, research, surgery or tests were Animals Covered bred. which teaching, TOTAL NO teaching, research, conducted involving accompanying pain or distress By The Animat conditioned, or surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS research, Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or teaching, testing, (Cols. C + tests were accompanying pain or experiments, D + E) conducted distress to the animals interpretation of the teaching, research, involving no research or and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. must be attached to this report) relieving drugs. used. 4. Dogs 0 0 0 0 0 5. Cats 0 0 0 0 0 6. Guinea Pigs 15 0 0 1147 1147 7. Hamsters 0 0 0 0 0 8. Rabbits 393 24 472 0 865 9. Non-Human Primates 0 0 0 0 0 8 10. Sheep 3 44 0 47 11. Pigs 0 0 14 0 14 12. Other Farm Animals 0 13. Other Animals

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures

ASSURANCE STATEMENTS

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGN	,	DATE SIGNED
		10/17/01
APHI		ADQUARTERS
(A)		

Lightnigency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0124

CUSTOMER NO. 1153

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) SAN DIEGO MESA COLLEGE 7250 MESA COLLEGE DRIVE

(85)

SAN DIEGO, CA 92111 (658) 627 2831 (619) 388-2838°2

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		8.4	73		157
5. Cats		34	21		55
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		7			7
9. Non-Human Primates					
10. Sheep		3			3
11. Pigs		2			2
12. Other Farm Animals		·			
Goat		5	:		5
13. Other Animals				1 06 - 8 L. 17	
Bobcat		1			1
Coatimundi		1		USDA, APHIS. REAC, AC SACRAMENTO, CA	1
Ferret		1 1			1

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

RT 1 - HEADQUARTERS

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0124

include Zip Code)

CUSTOMER NO. 1153 FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

SAN DIEGO MESA COLLEGE 7250 MESA COLLEGE DRIVE

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

SAN DIEGO, CA 92111 (858) 627-2031 (6/9

7 388-2838

REPORT OF ANIMALS USED	BY OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
12 Equine		1			1
12 Llama		2			2
					·····
,					
					Mean 12
)
		P. H. T.		L Jam [U]	
				USDA, APHIS REAC AS	
				CA /	
ASSURANCE STATEMENTS	· .		*		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
	DATE SIGNED
	10.4.01

1 - HEADQUARTERS

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The following sites have been reported by the facility.

Registration Number:

93-R-0124

Customer Number:

1153

Facility:

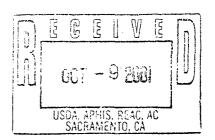
SAN DIEGO MESA COLLEGE 7250 MESA COLLEGE DRIVE

SAN DIEGO, CA 92111

(SS)

(858) 627-2831 (619) 388-2838

ANIMAL HEALTH TECHNOLOGY 7250 MESA COLLEGE DRIVE, BLDG P-300 SAN DIEGO, CA 92111



UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-126

1152

FORM APPROVED TS(1) 3500-6250 ON BIMO

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zio Codel

W.M. Keck Science Center The Claremont Colleges 150 E. 10th Street Claremont, CA 91711

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sues)

Joint Science Department

925 N. Mills Ave., Claremont, CA 91711

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bried, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of parimals upon which reaching, research, experiments, or lests were conducted involving no puin, distress, or use of pain, relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or lests were conducted unothing accompanying pain or distress to the animals and for which appropriate anesthetic, analogistic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying poin or distress to the animals and for which the use of appropriate anesthetic, analogistic, or tranquiliting drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (COIS. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rapoits					0
9. Non-human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0
				NOV 23 2001	
				USDA, APPRIS, READING	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of unesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, feeling, surgery, or exportmentation were followed by this research facility.
- 2). Each principal investigator has considered afternatives to pointul procedures
- 3). This tentity is adversely to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the functional approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending voternument for this research facility has appropriate authority to ensure the provision of adequate voternum care and to oversee the adequacy of other aspects of عدين المستور والمرادية

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

(AUG 91)

SIG

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0136 CUSTOMER NO. 1149

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USOA, include Zip Code)
 FOOTHILL COLLEGE

FOOTHILL COLLEGE 12345 EL MONTE ROAD LOS ALTOS HILLS, CA 94022

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, sheets if necessary.) 	testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LOCA	ITIONS(sites)
VETERINARY TECHNOLOGY PROGRAM LOS ALTOS HILLS, CA 94022	

A. Animals Covered By The Animal Welfare Regulations	8. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	ригрозез.	relieving drugs.	used.	must be attached to this report)	4
5. Cats		5			5
6. Guinea Pigs		·			
7. Hamsters					
8. Rabbits		1			1
Non-Human Primates					· · · · · · · · · · · · · · · · · · ·
10, Sheep		2			2
11. Pigs					
12. Other Farm Animals					
Horse		1			1
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
I	ı	11/03/2001				

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0145 CUSTOMER NO. 1159

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

NAMSA (N. AMERICAN SCIENCE)

IRVINE, CA 92618

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

> NAMSA (N. AMERICAN SCIENCE) 9 MORGAN IRVINE, CA 92618

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

Α.	B. Number of	C. Number of	D. Number of animals upon	ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching.	l F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyssic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cois, C+ D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs	180	7210			7210
7. Hamsters					
3. Rabbits	88	1971	459		2430
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
	1	ŀ			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
certify that the above is true correct, and complete (7.11.5.C. Sortion 21.43)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/26/2001

additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE REGISTRATION NO. 93-R-0148

CUSTOMER NO. 1158

FORM APPROVED

OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) CRITICAL CARE RESEARCH, INC. 10743 CIVIC CENTER DRIVE

RANCHO CUCAMONGA, CA 91730 (909) 987-3883

3.	REPORTING FACILITY	(List all locations	where animals	were housed or us	ed in actual research	testing, teaching,	, or experimenta	tion_or held for th	ese gurposes.	Attach additional	N
	REPORTING FACILITY sheets if necessary.)	10743	CIVIC	CENTE	R DRIVE	KAN	CHO (EUCAM!	DNUGA -	CA.	11120
											

FACILITY LOCATIONS(sites)

See Attached Listing

NO OTHER LOCATIONS

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	35	0	6	0	6
5. Cats	0	-			0
6. Guinea Pigs	0				0
7. Hamsters	Q				0
8. Rabbits	4	0	0	Ø	4
9. Non-Human Primates	0				Ð
10. Sheep	0				0
11. Pigs	0				\bigcirc
12. Other Farm Animals	0				0
13. Other Animals					
		-			S hì

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic and tranquilizing drugs, prior to and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

I NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

The following sites have been reported by the facility.

Registration Number:

93-R-0148

Customer Number:

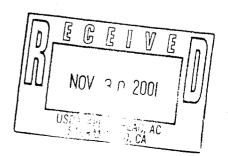
1158

Facility:

CRITICAL CARE RESEARCH, INC. 10743 CIVIC CENTER DRIVE RANCHO CUCAMONGA, CA 91730

(909) 987-3883

21ST CENTURY MEDICINE, INC. 10743 CIVIC CENTER DRIVE RANCHO CUCAMONGA, CA 91730



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0151 CUSTOMER NO. 1156

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ZOOLOGICAL SOCIETY OF SAN DIEGO P. O. BOX 120551 SAN DIEGO, CA 92112 (619) 557-3941

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon animals being animals upor experiments, research, surgery or tests were which experiments, which teaching, Animals Covered TOTAL NO bred. teaching, research, conducted involving accompanying pain or distress to the animals and for which the use of appropriate OF ANIMALS By The Animal conditioned, or research. surgery, or tests were Welfare Regulations conducted involving anesthetic, analgesic, or tranquilizing drugs would held for use in experiments, or accompanying pain or teaching, testing, tests were have adversely affected the procedures, results, or (Cols. C + experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research or experiments, surgery, or tests. (An explanation of and for which appropriate involvina na surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs used must be attached to this report) COMPANION OR CARINA ANIMANS 4. Dogs 5. Cats 6. Guinea Pigs 7 Hamsters Rabbits 9 Non-Human Primates 10. Sheep No 11. Pigs 12. Other Farm Animals 13 Other Animals U ASSURANCE STATEMENTS CACPASSAIO C

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

HEADQUARTERS

DATE SIGNED

s

The following sites have been reported by the facility.

Registration Number:

93-R-0151

Customer Number:

1156 ZOOLOGICAL SOCIETY OF SAN DIEGO

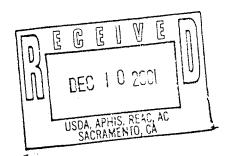
Facility:

P. O. BOX 120551

SAN DIEGO, CA 92112

(619) 557-3941

ZOOLOGICAL SOCIETY OF SAN DIEGO 1354 OLD GLOBE WAY SAN DIEGO, CA 92101



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0151 CUSTOMER NO. 1156

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

ZOOLOGICAL SOCIETY OF SAN DIEGO P. O. BOX 120551 SAN DIEGO, CA 92112 (619) 557-3941

			1	(619) 557-3941	
REPORT OF ANIMALS USED BY					
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Cheetah		4	6		10
Lion-tail macaqu	e 6	12			18
Geoffrey's marmo	set	15			15
Calif. condor		34			34
Pygmy loris		19			19
Slow loris		9			9
Slender loris		9		,	9
Giant panda		3			3
White rhinoceros			´4		4
Indian rhinocero	S		1		1
Sun bear			1		1
Drill	1				1
Anoa		2	1		3
Amer. alligator	7	5500 /07	13		500
Cuban iguana		7			7
Jamaican iguana		6			6
Anegada iguana		9		MECELVED!	9
Lesser Antillean	iguana	2			2
Savanna monitor		4		DE0 1 D 0001	4
ASSURANCE STATEMENTS				1965 March 1966	

) Professionally acceptable standards governing the care, treatment, and use of a	animals, including appropriate use of anesthetic, analgasic, and tranquilizing drugs, prior to, during,
and following actual research, teaching, testing, surgery, or experimentation we	

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

4 Dec 01

EADQUARTERS

(ÁUG 91)

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0151 CUSTOMER NO. 1156

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ZOOLOGICAL SOCIETY OF SAN DIEGO

200L0GICAL SOCIETY OF SAN DIEC P. O. BOX 120551 SAN DIEGO, CA 92112 (619) 557-3941

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
Komodo monitor		1			1
					· · · · · · · · · · · · · · · · · · ·
-					
					71 T.
				= = @ R II W []	
4.44				12) E20 1 U 2011 1101	
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility!
- 2) Each principal investigator has considered alternatives to painful procedures.

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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······································	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Officer or Legally Responsible Institutional official)	
•	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SI		DATE SIGNED
		4 Reol
 A F		ADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0153

CUSTOMER NO. 1154 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
...

GIBBON FOUNDATION P.O. BOX 800249 SANTA CLARITA, CA 91380 (661) 296-2737

				SANTA CLARITA, CA 91380 (661) 296-2737	
 REPORTING FACILITY (List a sheets if necessary.) 	Il locations where animals	were housed or used in a	Actual research, testing, teaching	, or experimentation, or held for these purposes. Attach ad	ditional
		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
				4400	
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered	animals being bred,	animals upon which teaching,	which experiments, teaching, research,	experiments, research, surgery or tests were conducted involving accompanying pain or distress	TOTAL NO.
By The Animal Welfare Regulations	conditioned, or held for use in	research, experiments, or	surgery, or tests were conducted involving	to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would	OF ANIMALS
	teaching, testing,	tests were	accompanying pain or	have adversely affected the procedures, results, or	(Cols, C+
	experiments, research, or	conducted involving no	distress to the animals and for which appropriate	interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of	D+E)
	surgery but not yet used for such	pain, distress, or	anesthetic, analgesic, or	the procedures producing pain or distress in these	
	purposes.	use of pain- relieving drugs.	tranquilizing drugs were used.	animals and the reasons such drugs were not used must be attached to this report)	
4. Dogs					
5. Cats					
6. Guinea Pigs		AURA			
7. Hamsters					
3. Rabbits					
9. Non-Human Primates	36	36	. 0	0	9 36
10. Sheep				Per telephone	
11. Pigs				W/ Alan Mostnick	
12. Other Farm Animals				(b)(6), (b)(7)c	
13. Other Animals					
		•			
				I DENME	
ASSURANCE STATEMENTS	I			13 11 11 12	
				of anesthetid, analgesic, and tranquilizing drugs, prior to	during.
Each principal investigator ha			e followed by this research facilit	" OCT 3 2001	
 This facility is adhering to the principal investigator and app 	e standards and regulation proved by the Institutional	s under the Act, and it has Animal Care and Use Con	nmittee (IACUC). A summary of	standards and regulations be specified and explained by the fall the exceptions is attached to this annual report. In	ie .
4) The attending veterinarian fo	r this research facility has			ns, as well as the species and number of animals affected. veterinary care and to oversee the adequacy of other.	
aspects of animal care and u	·- ·- · · · · · · · · · · · · · · ·	CATION BY HEAD	QUARTERS RESEARCH	HEACH ITY OFFICIAL	
	(Chief E	executive Officer o	or Legally Responsible lie, correct, and complete (7 to	Institutional official)	
SIG		,	, someon and complete (7		DATE SIGNED
					28 OCT 2001

The following sites have been reported by the facility.

Registration Number:

93-R-0153

Customer Number:

1154

Facility:

GIBBON FOUNDATION P.O. BOX 800249

SANTA CLARITA, CA 91380

(661) 296-2737

INTL CTR FOR GIBBON STUDIES 19100 ESGUERRA ROAD SAUGUS, CA 91350



Laridnteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0155

CUSTOMER NO. 1151

FORM APPROVED OMB NO. 0579-0036

IEADQUARTERS

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

AΡ

(AUG 91)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ALPHA THERAPEUTIC CORPORATION 5555 VALLEY BOULEVARD LOS ANGELES, CA 90032 (323) 225-2221

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing								
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)								
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)			
4. Dogs								
5. Cats				·				
6. Guinea Pigs	8	687	0	. 0	687			
7. Hamsters					ŕ			
8. Rabbits	73	2915	0	0	2915			
9. Non-Human Primates								
10. Sheep								
11. Pigs								
12. Other Farm Animals								
				`				
13. Other Animals - Mice	8	1270	0	0	1270			
			:					
ASSURANCE STATEMENTS			·	[] [[] [] [] [] [] [] [] [] [
Professionally acceptable sta and following actual research	andards governing the car	e, treatment, and use of a	animals, including appropriate use	of anesthetic, analysis, and tranquilizing drugs, prior to	déring,			
2) Each principal investigator ha				oct 1 5 2001				
3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations obspecified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In								
addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.								
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)								
SIC	, , , ,				DATE SIGNED			
					10CT2001			

Latinteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0158 CUSTOMER NO. 7854

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ANTIBODIES, INC. P. O. BOX 1560 DAVIS, CA 95617 (530) 758 4400

				(530) 758-4400	
 REPORTING FACILITY (List a sheets if necessary.) 	all locations where animals	were housed or used in	actual research, testing, teaching	g, or experimentation, or held for these purposes. Attach ad	ditional
anoso ii nososodi).;		,	FACILITY LOCATIONS(sites)		
See Attached Listing					
	_				
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in	animals upon which teaching, research, experiments, or	which experiments, teaching, research, surgery, or tests were conducted involving	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would	TOTAL NO. OF ANIMALS
	teaching, testing, experiments, research, or surgery but not yet used for such purposes.	tests were conducted involving no pain, distress, or use of pain- relieving drugs,	accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	(Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	17		143		143
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
GOATS	1	31			31
13. Other Animals					
ASSURANCE STATEMENTS				110	
and following actual researc	h, teaching, testing, surger	y, or experimentation we	animals, including appropriate us- re followed by this research facili	e of anesthetic, analgesic, and tranquilizing drugs, prior to, ty. NOV = 9 200	during,
Each principal investigator h		•			
principal investigator and ap	proved by the Institutional	Animat Care and Use Co	mmittee (IACUC). A summary o	standards and regulations be specified and explained by the fall the exceptions is attached to this annual report. In one, as well as the species and number of animals affected.	
The attending veterinarian for aspects of animal care and to the second care and the second care are second care as the second care are second care are as the second care are as the second care are a		appropriate authority to	ensure the provision of adequate	veterinary care and to oversee the adequacy of other	
			QUARTERS RESEARC		
			or Legally Responsible ue, correct, and complete (7		
S'	1071717101141 00710			occurrence or Print)	DATE SIGNED
				•	11/08/01

The following sites have been reported by the facility.

Registration Number:

93-R-0158

Customer Number:

7854

Facility:

ANTIBODIES, INC.

P. O. BOX 1560 DAVIS, CA 95617 (530) 758-4400

ANTIBODIES, INC. 25242 CR 95 DAVIS, CA 95616



Laris Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-159

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

#14

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

ORTHOPAEDIC HOSPITAL 2400 SOUTH FLOWER STREET LOS ANGELES, CA 90007-2697

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Orthopaedic Hospital Vivarium 2400 South Flower St., Los Angeles

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (COIS. C + D + E)
4. Dogs		- -			
5. Cats					
6. Guinea Pigs		Ą			
7. Hamsters					
8. Rabbits			140		140
9. Non-human Primates					
10. Sheep				4.4	-
11. Pigs					
12. Other Farm Animals					
·		·			
13. Other Animals(Ra+)			20		20
				FRERWEAL	
ASSURANCE STATEMENTS				The second secon	······································

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number-of-animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

7/11/01

Annual Report Site Listing:

Customer ID and Site Address:

Cust ID: 1147

2400 South Flower Street Los Angeles, CA 90007 County: Los Angeles Telephone (213)742-1000

result in an order to cease an				2150.		arse side for al information.	0180-DOA-A	Report Control No N	
	ATES DEPARTMENT OF PLANT HEALTH INSPE			1. REGISTRA 93-R-0163		CUSTOMER NO. 1146		APPROVED 0. 0579-0036 \2	ris
ANNUAL REPO	ORT OF RESE	ARCH FACIL	.ITY	2. HEADQUAF		SEARCH FACILITY (Name ar	nd Address, as reg	istered with USDA,	\exists
	(TYPE OR PRIN				,	2595 INGRAHAM STREE SAN DIEGO, CA 92109 (619) 226-3870	≣Τ		
 REPORTING FACILITY (List a sheets if necessary.) 	Il locations where animals	were housed or used in	actual research	n, testing, teaching	, or experi	mentation, or held for these pu	rposes. Attach ad	ditional	7
Silbolo II iliodosaciji,			ACILITY LOC	ATIONS(sites)					
See Attached Listing Mario	on Island			SeaWorld	l (Sai	n Diego, San A	ntonio,	Orlando p	ark
Northwesterr				1		i, Antarctica			
Southern Cal	lifornia Big	ht		Central	CA ma	ainland coast			
EPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	' (Attach additi	onal sheets if nece	ssary or u	se APHIS FORM 7023A)			
A. Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which exteaching surgery, conducte accompadistress and for wanesthet	of animals upon periments, , research, or tests were ed involving unying pain or to the animals which appropriate ic, analgesic, or ting drugs were	exp con to tr ane hav inter exp the	aber of animals upon which teal ariments, research, surgery or ducted involving accompanying e animals and for which the us sthetic, analgesic, or tranquilizing a adversely affected the proce- pretation of the teaching, rese ariments, surgery, or tests. (An procedures producing pain or or mals and the reasons such drug to be attached to this report)	tests were g pain or distress se of appropriate ng drugs would dures, results, or arch, n explanation of distress in these	F. TOTAL NO OF ANIMAL (Cals. C + D + E)	
1. Dogs									
i. Cats									
. Guinea Pigs				**************************************					
. Hamsters									
. Rabbits									
. Non-Human Primates									
0. Sheep									
1. Pigs									
2. Other Farm Animals									
	`								
3. Other Animals	1	15%	-	7 - 3 1 - 21					
ırgha Seal	1						VIII.		
. elephant seal		1572	6	5				1578	_
. elephant seal	<u></u>		6	5 [@ <u>E</u>] W <u>E</u>		6	1
SSURANCE STATEMENTS 1) Professionally acceptable sta	indards governing the care	e, treatment, and use of a	nimals includi	no appropriate des	!		addition from to	during	
and following actual research	, teaching, testing, surger	y, or experimentation wer	e followed by	this research facility	ทไ	()	a diodes buoi (0,	aainig,	
Each principal investigator ha This facility is adhering to the			e regulie - d ab - s		الا			_	
 This facility is adhering to the principal investigator and app addition to identifying the IAC 	roved by the Institutional	Animal Care and Use Co	mmittee (IACU	C). A summary of	all the ex	and regulations be specified at ceptions is attached to this as the species and number of Sun, Stries, None, Au	annuai report, in	е	
 The attending veterinarian for aspects of animal care and u 	r this research facility has								

aspects of animal care and use.			
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIA (Chief Executive Officer or Legally Responsible Institutional official) i certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
 <u> </u>		'pe or Print)	DATE SIGNED
			30 NOV01
		PART 1 -	HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0163

include Zip Code)

CUSTOMER NO. 1146

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2595 INGRAHAM STREET SAN DIEGO, CA 92109 (619) 226-3870

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C+ D+E)
Monk seal			80		80
Weddell seal			10		_10
Killer whale		18			18
Manatee		6			6
			. 1		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	_
(Chief Executive Officer or Legally Responsible Institutional official)	
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

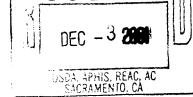
I NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10 11 D DE

APHIS FORM 7023A (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete



PART 1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0163

Customer Number:

1146

Facility:

2595 INGRAHAM STREET SAN DIEGO, CA 92109

(619) 226-3870

HUBBS-SEA WORLD RESEARCH INST 2595 INGRAHAM STREET SAN DIEGO, CA 92109



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0165 CUSTOMER NO. 1144 FORM APPROVED Laris

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

(AUG 91)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BURNHAM INSTITUTE, THE 10901 NORTH TORREY PINES ROAD SAN DIEGO, CA 92037 (858) 646-3100

				(858) 646-3100	
 REPORTING FACILITY (List a sheets if necessary.) 	all locations where animals	were housed or used in	actual research, testing, teaching	, or experimentation, or held for these purposes. Attact	n additional
		F	FACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY		ssary or use APHIS FORM 7023A)	
Α.	B. Number of animals being	C. Number of animals upon	D. Number of animals upon	E. Number of animals upon which teaching, experiments, research, surgery or tests were	F.
Animals Covered By The Animal Welfare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain, relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	conducted involving accompanying pain or distre- to the animals and for which the use of appropria anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, interpretation of the teaching, research, experiments, surgery, or tests. (An explanation the procedures producing pain or distress in thes animals and the reasons such drugs were not us must be attached to this report)	or (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		2			2
7. Hamsters					·
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				In E was)/
ASSURANCE STATEMENTS					11
			animals, including appropriate use re followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs, prior	to, during,
Each principal investigator h					
principal investigator and ap	proved by the Institutional	Animal Care and Use Co	mmittee (IACUC). A summary of	standards and regulations be specified and explained be all the exceptions is attached to this annual report in the exceptions is attached to this annual report is as a sewell as the community of the sex of the community is as a sex of the community is	£ In
· -	or this research facility has	-	,	veterinary care and to oversee the adequacy of other	
			QUARTERS RESEARCH or Legally Responsible		
SIG				or Print)	DATE SIGNED
				· · · · · · · · · · · · · · · · · ·	
					11/21/01
\P L				PART 1 -	HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0165

Customer Number:

1144

Facility:

BURNHAM INSTITUTE, THE

10901 NORTH TORREY PINES ROAD

SAN DIEGO, CA 92037

(858) 646-3100

THE BURNHAM INSTITUTE 10901 NORTH TORREY PINES ROAD SAN DIEGO, CA 92037

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0176

CUSTOMER NO.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED

Laris OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) AMERICAN QUALEX 920 A CALLE NEGOCIO

		SAN CLEMENTE, CA 92673 (530) 758-4400
 REPORTING FACILITY (List a sheets if necessary.) 	all locations where animals were housed or used in	actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
	F	FACILITY LOCATIONS(sites)
See Attached Listing	(ABOVĒ)	

REPORT OF ANIMALS USED B	Y OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Walfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	-0-	-0-	-0-	-0-	-0-
5. Cats	-0-	-0-	-0-	-0-	-0-
6. Guinea Pigs	-0-	-0-	-0-	-0-	-0-
7. Hamsters	-0-	-0-	-0-	-0-	-0-
3. Rabbits	-0-	-0-	-0-	-0-	-0-
9. Non-Human Primates	-0-	-0-	-0-	-0-	-0-
10. Sheep	-0-	-0-	-0-	-0-	-0-
11. Pigs	-0-	-0-	-0-	-0-	-0-
12. Other Farm Animals	-0-	-0-	-0-	-0-	-0-
		•			
13. Other Animals	-0-	-0-	-0-	-0-	-0-
		we do	not have a	any Animals Cove	FRETS
		UNDER	'	roms R R B I W E I.	1
ASSURANCE STATEMENTS					1

1)	Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of a	nesthelia,	analgesic, and	tranquilizing drugs,	prior to, during
	and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.	lin)	1	2.7 2001	- /II *
21	Each principal investigator has considered alternatives to painful procedures	1111	YOU !	2 7 2001	

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	
s	Type or Print) DATE S	IGNED
	10/301	101
Α	PART 1 - HEADQUA	RTERS

²⁾ Each principal investigator has considered alternatives to painful procedures.

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Larisinteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0193 CUSTOMER NO. 1142

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

YOUNG VETERINARY RESEARCH 7243 EAST AVENUE TURLOCK, CA 95380

		FACILITY LOCATIONS(sites)	
See Attached Listing			
		i	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		230	24		254
5. Cats		126			254 126
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Horses'		56		5 7 8 5 4 8 7 7 F	56
13. Other Animals				10 55146	
				NOV 2 0 000	
				10: 20 254	
ASSURANCE STATEMENTS				6334, KINS. RE10, 40	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
Longify that the phaye is the second and seconds (7.11 C.C. Canting 24.42)

DATE SIGNED

The following sites have been reported by the facility.

Registration Number:

93-R-0193

Customer Number:

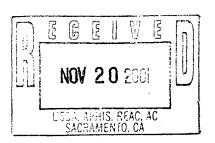
1142

Facility:

YOUNG VETERINARY RESEARCH

7243 EAST AVENUE TURLOCK, CA 95380 (209) 632-1919

YOUNG VETERINARY RESEARCH 23 ROSELAWN DRIVE TURLOCK, CA 95380



Negaragency Report Control No 180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0211

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

CUSTOMER NO. 1136

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

include Zip Code) APHTON CORPORATION P. O. BOX 1049

WOODLAND, CA 95776 (530) 668-5100

REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying ani or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cals. C + D + E)
4. Dogs					-
5. Cats					
6. Guinea Pigs					
7. Hamsters					
3. Rabbits	8	3			3
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
				7.4.	
13. Other Animals					
ASSURANCE STATEMENTS	1			IN THE RESERVE OF THE SECTION OF THE	
1) Professionally acceptable st	andards governing the care	e, treatment, and use of a	nimals, including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, pnor to,	during,

- and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility;
- 2) Each principal investigator has considered atternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this armual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary-care and to oversee-the adequacy of other

aspects of animal care and use.		
CERTIFICAT	ION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Exec	cutive Officer or Legally Responsible Institutional official)	
t certify the	at the above is true, correct, and complete (7 U.S.C. Section 2143)	
CICHATURE OF OF O OR INSTITUTIONAL OFFICIAL	There a vite of of o competitional official of 12.10.18	DATE SIGNED
		11/01/01

The following sites have been reported by the facility.

Registration Number:

93-R-0211

Customer Number:

1136

Facility:

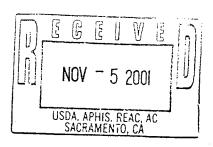
APHTON CORPORATION

P. O. BOX 1049

WOODLAND, CA 95776

(530) 668-5100

APHTON CORPORATION 26 HARTER AVENUE # 14 WOODLAND, CA 95776



Interagency Report Control No 😞 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0219

CUSTOMER NO. 1135

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) CHIRON CORPORATION 4560 HORTON STREET

EMERYVILLE, CA 94608 (510) 655-8730

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain, relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments; surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		12			12
5. Cats					0
6. Guinea Pigs		62			62
7. Hamsters					4
3. Rabbits			58		58
9. Non-Human Primates					0
10. Sheep					o
11. Pigs					ф
12. Other Farm Animals					0
13. Other Animals					0
				N E B E I W B M	
ASSURANCE STATEMENTS				U/	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Such existing investigators have considered alternatives to exist a great research. nesthetic, analgesic, and tranquilizing drugs, prior to, during,

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veter aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	
SIGNATU		DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0219

Customer Number:

1135

Facility:

CHIRON CORPORATION 4560 HORTON STREET

EMERYVILLE, CA 94608

(510) 655-8730

CHIRON CORPORATION 1400 53RD STREET EMERYVILLE, CA 94608

Meragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 REGISTRATION NO. 93-R-0221

CUSTOMER NO. 1137

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

DNAX RESEARCH INSTITUTE 901 CALIFORNIA AVE. PALO ALTO, CA 94304 (650) 852-9196

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing Palo Alto Veterans Administration Animal Facility, Main Animal Facility, Pale Alto, CA Palo Alto, CA Annex Animal Facility, Palo Alto, CA

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters			9		9
8. Rabbits					0
9. Non-Human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals				·	0
13. Other Animals					0
ASSURANCE STATEMENTS					

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analogisis, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulation principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary or an use acceptation is addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals, affected, addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals, affected, addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other (A aspects of animal care and use.

> CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED **EADQUARTERS**

eragency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0232

CUSTOMER NO. 1132

FORM APPROVED COTOS

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

metucic Zip Code)

SAN JOAQUIN VALLEY COLLEGE 8400 W. MINERAL KING AVE

CMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

VISALIA CA 93291 (559) 448-8282 1. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, beaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (MINS)

See Attached Listing

San Joaquin Valley College Inc.

295 E. Sierra

Fresno, CA 93710

(559-448-8282)

				edary or use APHIS FORM TOZSA)	
A. Animatz Covered By The Animat Welfare Regulations	8. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distributing though, or use of pain-relieving drugs.	O. Number of animate upon which expectments, teaching, research, umgory, or tests were conducted involving excompanying pain or distress to the animals and for which appropriate anesthetic, analgesis, or announcing drugs were used.	E. Number of animals upon which teaching, oppartments, research, surgery or tests were conducted involving accompanying pain or dismiss to the animals and for which the use of appropriate anesthetic, analysistic or transpitting drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or rests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report;	F. TOTAL NO. CF ANIMALS (CONS. C+ D+E)
4. Dogs	0	0	8	0	8
5. Cáts	0	0	14	0	14
6. Guinea Pigs	0	3	0	0	3
7. Hamsters	0	0	0	0	0
8. Rabbits	0	1	0	0	1
9. Non-Human Primates	0	0	0	0	0
10. Sh ea p	0	0	0	0	0
11. Pigs	0	0	0	Ö	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0.	0	0
					· · · · · · · · · · · · · · · · · · ·
ASSURANCE STATEMENTS				THE BELVE	

¹⁾ Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesth artificial and transplaining drugs, prior to, during, and following actual research, teaching, testing, surgery, or exportmentation were followed by this research facility.

3) This facility is achieving to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summery of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a breaf explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

or Print)	DATE SIGNED
	11/27/0

NOV

PART 1 - HEADQUARTERS

(AUG 91)

U

^{2):} Each principal investigator has considered alternatives to painful procedures.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0237 CUSTOMER NO. 1131

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SCIOS INC. 820 WEST MAUDE AVENUE SUNNYVALE, CA 94086 (408) 481-9177

	FACILITY LOCATIONS(sites)
ee Attached Listing	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals upon which eaching, research, conditioned, or held for use in teaching, experiments, research, or surgery but not yet used for such purposes. C. Number of animals upon which teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, analgesic, or tranquilizing drugs were used. D. Number of animals upon which teaching, experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the teaching, experiments, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the teaching, experiments, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the procedures, research, surgery, or tests were conducted involving anesthetic, analgesic, or interpretation of the procedures, results, or interpretation of the procedures, results, or interpretation of the procedures, results or interpretation of the procedures producing pain or distress in these animals and the reasons such drugs were animals and the reasons such drugs were animals upon which teaching, experiments, surgery, or tests were conducted involving anesthetic, analgesic, or interpretation of the procedures, results, or interpretation of the procedures, results or interpretation of the procedures producing pain or distress to the animals and the reasons.		F. TOTAL NO. OF ANIMALS (Cols. C + D + E)	
4. Dogs			·	
5. Cats				
6. Guinea Pigs				
7. Hamsters				
3. Rabbits				
9. Non-Human Primates				
10. Sheep		 		
11. Pigs				
12. Other Farm Animals				n- vesin s
13. Other Animals				
			OCT - 2 2001	
ASSURANCE STATEMENTS			USDA, APHIS, REAC, AC SAURAMENTO, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of an	imai care and use.	
	CERTIFICATION BY HEADQUARTERS RESEARCH FA (Chief Executive Officer or Legally Responsible Instit I certify that the above is true, correct, and complete (7 U.S.C.	tutional official)
SIC		DATE SIGNED
		9/30/0/
AP (AUG 91)	····	ADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0237

Customer Number:

1131

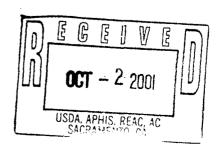
Facility:

SCIOS INC.

820 WEST MAUDE AVENUE SUNNYVALE, CA 94086

(408) 481-9177

SCIOS INC. 820 WEST MAUDE AVENUE SUNNYVALE, CA 94086



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 93-R-0244

CUSTOMER NO. FORM APPROVED 1130 OMB NO. 0579-0036

Laris 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

HARTNELL COLLEGE 156 HOMESTEAD AVENUE SALINAS, CA 93901 (408) 755-6855

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing 1) above address 2) East Campus 1754 E. Alisal Salinas. CA

A. Animals Covered By The Animal Welfare Regulations	animals being animals upon which teaching, teach conditioned, or held for use in teaching, testing, experiments, or tests were accordistresser, or involving no surgery but not yet used for such which teaching, teaching, research, or involving no and surgery but not yet used for such which teaching, teachi		D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	OF ANIMALS (Cols. C + D + E)	
4. Dogs	0	7	26	0	33	
5. Cats	0	4	14	0	18	
6. Guinea Pigs	0	2	0	0	2	
7. Hamsters	0	0	0	0	0	
3. Rabbits	0	2	0	0	2	
9. Non-Human Primates	0	0	0	0	0	
10. Sheep	. 0	32	8	0	40	
11. Pigs	0	0	0	0	0	
12. Other Farm Animals	0	0	0	0	()()	
13. Other Animals						
				NOV 2 6 2001		
				THE STREET OF		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	:
s		DATE SIGNED 11/20/01
(AUG 91)		

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0247

CUSTOMER NO. 1129 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

TANABE RESEARCH LABORATORIES, USA, INC. 4540 TOWNE CENTRE COURT SAN DIEGO, CA 92121 (858) 622-7000

3.	REPORTING FACILITY	(List all locations where animals were	housed or used in actual re-	search, testing, teaching,	or held for these purposes.	Attach additional
	sheets if necessary.)			•		

See Attached Listing
VIVARIUM

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.		D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
6. Rabbits	10	0	59	0	59
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				SEP 2 7 2001	
				HODA APHIS, REAC, AC	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGN

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(AUG 91)

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DATE SIGNED

ADQUARTERS

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	tes department of . Plant health inspe			I. REGISTRATIO	-K-02	<u>5</u> 2	FORM ARC ON BMC	3579-3035
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ANNUAL REPOR	RT OF RESEAR	RCH FACILITY	,		SYVA CO	$\alpha \alpha \omega \alpha$	(1 <i>11</i>	
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					CUPERT	INOS C.	A 9501	4
I. REPORTING FACILITY (LIST UIT F STIEGES II HIGGERSORY.)	ocations where animals		الديايد ال	wich, Gelmy, lew	ching, or experimental	lider, or hald for in	me pulposes. Alla	ich adhiionai
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Animals Coverati By The Animal Wellere Regulations	animals being bred, or ed. gonditioned, or need for use in teaching, teating, experiments.	articulty upon which teaching, received, expertments, or tears ware openducted	which ex- leaching turgery, canducti securios	Dernients, jchabich, o lesis were ld invulving mying pain ar to the Journals	conducted involute in the shamats of the shamats of unectness; Shat have adversely interpretation of	ideran, surgery or wing occomponym no for which the u gedic, or tranquitts ittledtha the process the leadhing, resi	g pain or distress se of appropriate ing drugs would dures, results, or larcn,	POTAL NO. OF ANIMALE
	surgery but nue yet ruled for such purposes.	invalving na pain, distress, or use of pain- revering drugs.	and lot	which appropriate is, analysis, or strugglings were	the procedures	rgery, or legts. (An producing pain or reasons such dru d to this report).	visiress in these	(Cols. C + 0 + E)
Dogs								
Cats								
Gaines Pigs				·				
damsters				· · · · · · · · · · · · · · · · · · ·				
230005			13	2				132
Non-human Primates								
j. Sh ee o	132		30	9		· · · · · · · · · · · · · · · · · · ·	1	309
ı. Pigs								
2. Other Farm Animals								
), Other Animals								
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SURANCE STATEMENTS 1) Professionally acceptable state		John John John Line	at mun de .	netudinaauzazin	n 5	Inameric, and Iran		ur to, during.
and telluming actual research	, teaching, teating, sur	jary, su expérimentation	n −ci€ m 0~	ed by this research	a tackery.	•	111111	
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grmmpat investigator and not addition to identifying the IAC	araved by the institution	The summary includes the series	ic Committee Its a triet ca	plumption of the s	aceptions of -94 be	he colores and no	Moscol unitials all	ected
4) The assembling vetermanian for minuse care and into						NO INTELLIGI	Syladequacy () (athe	er appects of
	CERTIFICA	TION BY HEAD	QUARTE	SRESEARC	H FACILITY OF	FICIAL		
								DATE SIGNED
							-	1 /

Affateragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0254

CUSTOMER NO. 1126

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PENINSULA LABORATORIES, INC.

PENINSULA LABORATORIES, INC. 601 TAYLOR WAY SAN CARLOS, CA 94070 (650) 592-5392

 REPORTING FACILITY (List a sheets if necessary.) 	Il locations where animals	were housed or used in a	actual research, testing, teaching,	or experimentation, or heid for these purposes. Attach add	litional
		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY		F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			3	Per telephone	3
7. Hamsters				(b)(6), (b)(7)c	
8. Rabbits			75		75
9. Non-Human Primates				20 No.101 - CS	
10. Sheep					
11. Pigs					
12. Other Farm Animals					ar cons
13. Other Animals					
ASSURANCE STATEMENTS				The second secon	

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual ruport. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other CA

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED | 0-|/-0}

The following sites have been reported by the facility.

Registration Number:

93-R-0254

Customer Number:

1126

Facility:

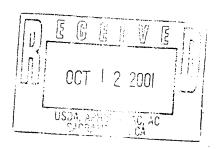
PENINSULA LABORATORIES, INC.

601 TAYLOR WAY

SAN CARLOS, CA 94070

(650) 592-5392

PENINSULA LABORATORIES, INC. 601 TAYLOR WAY SAN CARLOS, CA 94070



This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Larigo180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0260 CUSTOMER NO. 1125 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

JOSMAN, L L C P. O. BOX 3752 NAPA, CA 94558 (707) 226-2115

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

5230 Silverado Trail Napa, CA 94558

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	None	None	None	None	None
5. Cats	None	None	None	None	None
6. Guinea Pigs	None	None	None	None	None
7. Hamsters	None	None	None	None Pertelephone	None
3. Rabbits	51	700	395	Not	1095
9. Non-Human Primates	None	None	None	None 20 Nov 01	None
10. Sheep	None	1	Nône	None - Cl	11
11. Pigs	None	None	None	None	None
12. Other Farm Animals					
Goats	4	2.4	8	None	32
13. Other Animals	None	None	None	None	None
				NOV 3 702	<u> 1년</u> 기

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic and tranquilizing drugs; prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

Print) DATE SIGNED 1/ /08/6/

PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0263 CUSTOMER NO. 1121

FORM APPROVED 31.5

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SCANTIBODIES LABORATORIES, INC. 9336 ABRAHAM WAY SANTEE, CA 92071 (619) 258-9300

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
a. Rabbits	14	39			39
9. Non-Human Primates					•
10. Sheep	•	3			3
11. Pigs					
12. Other Farm Animals					
Goats		306		"	306
13. Other Animals		`		A Company of the Comp	
	-			NOV - 1 2001	
		·		USDA, APHIS. REAC, AC SACRAMENTO, CA	
ASSURANCE STATEMENTS				1	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful precedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

DATE SIGNED

ADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0263

Customer Number:

1121

Facility:

SCANTIBODIES LABORATORIES, INC.

9336 ABRAHAM WAY SANTEE, CA 92071 (619) 258-9300

SCANTIBODIES LABORATORIES, INC. 2365 SAN VICENTE RAMONA, CA 92065

SCANTIBODIES LABORATORIES, INC. 2356-B SAN VICENTE ROAD RAMONA, CA 92065



result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

ID:916 857 6212

See reverse side for additional information PAGE

0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO

FORM APPROVED OMB NO. 0579-0036 \315

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

93-R-0265 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

Diagnostic Products Corporation 5700 W. 96th Street Los Angeles, CA 90045

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

45764 N. Copco Ave, Gorman

Animals Covered By The Animal Welfare Regulations	B. Number of shamals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	O. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate enesthetic, analgestic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the feaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be atteched to this report).	F. TOTAL NO OF ANIMAL (Cols. C D + E)
4. Dogs	0	O	0	0	0
5. Cats	0	0	0	0	0
5. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	O	0
3. Rabbits	111	233	0	0	2 33
9. Non-human Primates	0	0	0	O	0
10. Sheep	0	5	0	0	5
11. Pias	0	0	0	0	0 ′
12. Other Farm Animals					
Burros	6	i	0	0	i
13. Other Animals			·		
Goats	38	60	. 0	0	60
ASSURANCE STATEMENTS				TEREDW.	

- algesic, and tranquilizing drugs, prior to, during, () Professionally acceptable standards governing the care, treatment, and use of animals, including approximate use of aniesting and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 27 2001
- 2). Each principal investigator has considered atternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations inviter the Act, and it has required that exceptions to the standards and egulations be specified and exceptions by the principal investigator and approved by the Institutional Annual Care and Use Committee (IACUC). A summary of all such exceptions are standards and approved exceptions, this summary includes a brief explanation of the exceptions, as well as the specification of the exceptions, as well as the specification of the exceptions, as well as the specification of the exceptions are the specification of the exceptions.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	I.
(Chief Executive Offices or Legativ Responsible Institutional Official)	

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

DATE SIGNED 11/4/01

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0266

include Zip Code)

CUSTOMER NO. 8228

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

FORM APPROVED OMB NO. 0579-0036 \ 2115

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1442A WALNUT STREET, #474 BERKELEY, CA 94709

(999) 999-9999

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, leaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

West Berkeley Facility

Ä.	B. Number of	C. Number of	D. Number of animals upon	essary or use APHIS FORM 7023A) E. Number of animals upon which leaching,	F.
Animals Covered By The Animal Wettare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-refleving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats				·	
6. Guinea Pigs					
7. Hamsters	37	0	215	0	215
8. Rabbits			·		
9. Non-Human Primates		·			
10. Sheep					
11. Pigs					
12. Other Farm Animals					
·					
13. Other Animals					
•		•		250 2 2001	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis, and tranquilizing drugs, crior, to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. DA, APHIS, REAC, AC
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is eithering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFIC	JAL
(Chief Executive Officer or Legally Responsible Institutional offic	al)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	

DATE SIGNED

11/28/01

Lal Wateragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE				1. REGISTRATION	75" K-();\h\\		0579-0036
				2. HEADQUARTE include Zip Cod	RS RESEARCH FACILITY (Name and Acide)	Idress, as registere	ed with USDA
ANNUAL REPOR				Bart	RS RESEARCH FACILITY (Name and Acide) Problem Colored Book Breeles Colored Book Breeles Colored Breeles Colored Breeles Breel	re in	inal-Eu
(T)	YPE OR PRINT)	i		4501	Colorado B	wd -	
				Los	breels at	t 90	039
chante if nacaccary)		4		earch, testing, lead	thing, or experimentation, or held for the	ise purposes. Atta	ach additional
50	me as	abou		TIONS (Siles)			
Toppoot of Avilland Mose By o	AN UNION ACCUTANCE OF	- D505100W 510W T		<u> </u>			
A.	B. Number of	C Number of	 		cessary or use APHIS FORM 7023A.) E. Number of animals upon which tea	aching.	T _e
Animals Covered By The Animal Welfare Regulations	Animals Covered bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes		surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropria anesthetic, analgesic, or tranquilizing drups were		experiments, research, surgery or te conducted involving accompanying to the animals and for which the use anesthetic, analgesic, or tranquilizin have adversely affected the proceduinterpretation of the teaching, resea experiments, surgery, or tests. (An experiments, surgery, or tests. (An experiments, surgery, or tests. (An experiments, surgery, or tests.)		F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs							
5. Cats							
6. Guinea Pigs	0	. 0		0	0		0
7. Hamsters							
8. Rabbits	0	0		0	0		0
9. Non-human Primates					V S .(7.7.)		
10. Sheep			·				
11. Pigs					,		
12. Other Farm Animals							
13. Other Animals							
			m				
					20.00		
ASSURANCE STATEMENTS					1 12 16 13 11 11	IS INII	
Professionally acceptable strained following actual researce	andards governing the c h, teaching, testing, sur	care, treatment, and us gery, or experimentation	se of animals on were follo	i, including approria lived by this research	ate use of anesthetic, analgesic, and tra th lacility.	nquil i zing drugs, pi	rior to, during,
2). Each principal investigator h	nas considered alternati	ves to painful procedu	res.		SEP 2 7 200		
principal investigator and at	oproved by the institution	mal Animal Care and L	lse Committ	ee (IACUC). A sum	is to the standards and regulations be s mary of all such exceptions is attack exceptions, as well as the species and ni	health this annua	d ranged to
 The attending veterinarian to animal care and use. 	or this research facility h	nas appropriate author	ity to ensure	the provision of ac	lequate veterinary gare and to be see t	he adequacy of oil	her aspects of
					H FACILITY OFFICIAL Institutional Official)		
SIGNAT						Т	DATE SIGNED
~					* .		8/2/01
APHIS FORM 7023 (Re	places VS FORM 18-2	23 (OCT 88), which i	s obsolato				

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0269 CUSTOMER NO. 1124

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BIOMERICA, INC. 1533 MONROVIA AVE. NEWPORT BEACH, CA 92663 (714) 645-2111

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats				·	
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	none	none			none
9. Non-Human Primates					
10. Sheep	none	none			none
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and uso.

DATE SIGNED
11/14/01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete



USDA, APHIS, REAC, AC

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0272 CUSTOMER NO. 1122

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

Heart Institute Research

1225 Wilshire Boulevard

See Attached Listing

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 HEART INSTITUTE RESEARCH FAC.

HEART INSTITUTE RESEARCH FAC 1225 WILSHIRE BLVD. LOS ANGELES, CA 90017 (213) 977-4040

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

Los Angeles, CA. 90017 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon F. Number of animals upon which teaching. A. animals being experiments, research, surgery or tests were animals upon which experiments, Animals Covered bred, which teaching, conducted involving accompanying pain or distress TOTAL NO. teaching, research, By The Animal conditioned, or research. surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would conducted involving teaching, testing, have adversely affected the procedures, results, or (Cols. C+ tests were accompanying pain or experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or the procedures producing pain or distress in these anosthetic, analcesic, cr yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. relieving drugs. used. must be attached to this report) 4. Dogs 5. Cats Guinea Pigs 7. Hamsters 319 319 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY C (Chief Executive Officer or Legally Responsible Institutional I certify that the above is true, correct, and complete (7 U.S.C. Section 2	official)	
	int)	DATE SIGNED
		18/09/01

APHIS FORM 702B (AUG 91)

13. Other Animals

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

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Interagency Report Control No 0180-DOA-AN

1.aris

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0278

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

CUSTOMER NO. 1120

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) IMMUNE RESPONSE CORP.

5935 DARWIN COURT CARLSBAD, CA 92008 (760) 431-7080

sheets if necessary.)					
		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
					
			' (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		18			18
7. Hamsters					
3. Rabbits		6			(0
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
,,					
ASSURANCE STATEMENTS			F		
	andards governing the care	treatment and use of a	nimals including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, prior to, of	turing
and following actual research	h, teaching, testing, surger	y, or experimentation wer	nimais, including appropriate use e followed by this research facility	or anestrienc, analyesic, and tranquilizing drugs, prior to, (auring,
2) Each principal investigator h	as considered alternatives	to painful procedures.		MOV 2 1 2021	
principal investigator and ap	proved by the Institutional i	Animal Care and Use Cor	nmittee (IACUC). A summary of	standards and regulations be specified and explained by the all the exceptions is attached to this annual report. In is, as well as the species and number of animals affected.	•
	or this research facility has			veterinary care and to oversee the adequacy of other	
	CERTIFIC	ATION BY HEAD	QUARTERS RESEARCE	LEACILITY OFFICIAL	

(Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true correct, and complete (7.11.S.C. Section 2143).

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

DATE SIGNED

The following sites have been reported by the facility.

Registration Number:

93-R-0278

Customer Number:

1120

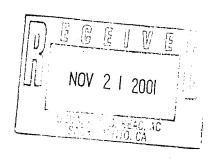
Facility:

IMMUNE RESPONSE CORP.

5935 DARWIN COURT CARLSBAD, CA 92008

(760) 431-7080

THE IMMUNE RESPONSE CORP 5935 DARWIN COURT CARLSBAD, CA 92008



13(15 Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0279

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) METABASIS THERAPEUTICS, INC. 9390 TOWNE CENTRE DRIVE

SAN DIEGO, CA 92121 (858) 587-2770

 REPORTING FACILITY (List sheets if necessary.) 	all locations where animals	s were housed or used in a	actual research, testing, teaching,	, or experimentation, or held for these purposes. Attach add	litional
		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL	OF RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in	C. Number of animals upon which teaching, research, experiments, or	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would	F. TOTAL NO. OF ANIMALS

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, of use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of apprupriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					Ö
5. Cats					0
6. Guinea Pigs					٥
7. Hamsters					0
8. Rabbits					0
9. Non-Human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0
			~ 444	No AWA covered Animals used	
				Animals used	
ASSURANCE STATEMENTS					

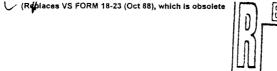
- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the rins lacing to entering or the standards and regulations didness the Act, and the second of the standards and regulations to be specified and explained by in principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC), A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

and complete /7 H C C Section 21/2)

DATE SIGNED 09/25/01

PART 1 - HEADQUARTERS



APHIS FORM 7023 (AUG 91)

Interagency Report Control No This report is required by law (7 USC 2143). Failure to report according to the regulations can See reverse side for result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. additional information. 0180-DOA-AN UNITED STATES DEPARTMENT OF AGRICULTURE 1. REGISTRATION NO. CUSTOMER NO. FORM APPROVED ANIMAL AND PLANT HEALTH INSPECTION SERVICE 93-R-0283 1115 OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, ANNUAL REPORT OF RESEARCH FACILITY include Zip Code) (TYPE OR PRINT) 655 ASH STREET RAMONA, CA 92065 (760) 789-5550 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Weifare Regulations	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	~ WE 45ED				
5. Cats	2006 1180				
6. Guinea Pigs	NWE USED				
7. Hamsters	NOWE USED				
8. Rabbits	100	2500	Nome 4sed	NOWE USED	2500
9. Non-Human Primates	NINE 4300 -				
10. Sheep	0	2	Nome 45ED	NAG 4SED	2
11. Pigs	NONE USED				
12. Other Farm Animals					
G-0475	12	15	~~ & 45ED	NAC 45ED	15
13. Other Animals					

ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive	e Officer or Legally Responsible Institutional official)	
I certify that the	e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/18/01
<u> </u>		1 / /

The following sites have been reported by the facility.

Registration Number:

93-R-0283

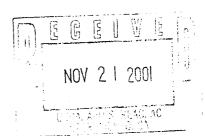
Customer Number:

1115

Facility:

655 ASH STREET RAMONA, CA 92065 (760) 789-5550

655 ASH STREET RAMONA, CA 92065



Lafriginteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0284 CUSTOMER NO. 1101

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ALLIANCE PHARMACEUTICAL CORPORATION 3040 SCIENCE PARK ROAD SAN DIEGO, CA 92121 (858) 410-5200

			4 4 1717
_	DEDODTING EACH ITY	(List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Atta	ach additional
5.	REPURING PACILITY	(List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or more perpension.	
	chapte if necessary		
	sheets if necessary.)		

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs			4		4
5. Cats				2.44	
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			6		6
9. Non-Human Primates					
10. Sheep					
11. Pigs			4		4
12. Other Farm Animals					
13. Other Animals					
4.5-4.4-4.1000					
ASSURANCE STATEMENTS	Annuarda en coming the en-	a transment and use of	nimale including correction	5) W 14	turina
	ch, teaching, testing, surge	y, or experimentation we	nimals, including appropriate use re followed by this research facility	of anesthetid, analgesic, and tranquilizing drugs, prior to,	au a rig,

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions4is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

·	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	
SIGNATUR		DATE SIGNED
		5-0CT-01
		

APHIS FO. (AUG 91)

...RT 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0289

CUSTOMER NO. 1112

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LA JOLLA INST. FOR EXPERIMENTAL MEDICINE 4570 EXECUTIVE DRIVE, STE 100

SAN DIEGO, CA 92121 (619) 587-8788

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

See Attached Listing

La Jolla Inst. for Experimental Medicine 4570 Executive Drive, Ste. 100, San Diego, CA | 92121

REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	' (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were red used must be attached to this report)	F, TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			4	Per telephone (b)(6), (b)(7)c	4
7. Hamsters			,	(b)(6), (b)(7)c	
3. Rabbits			17	29 Nov 01	17
9. Non-Human Primates				-4	
10. Sheep					
11. Pigs					****
12. Other Farm Animals					
13. Other Animals				OCT 2 2 2000 U	
11/4/84				USDA, APHIS. REAC, AC SACRAMENTO, CA	······································
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICE (Chief Executive Officer or Legally Responsible Institutional official		
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	rpe or Print)	DATE SIGNED
		10/17/01

PART 1 - HEADQUARTERS

(AUG 91)

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0297

CUSTOMER NO. 8226

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

include Zio Code) TORREY PINES INST. FOR MOLECULAR STUDIES

3550 GENERAL ATOMICS CT. SAN DIEGO, CA 92121 (858) 455-3803

REPORTING FACILITY (List a sheets if necessary.)	all locations where animals	were housed or used in	actual research, testing, ,each	(633) 433-3603 ing, or experimentation, or held for these purposes. Attach	additional
		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
Torrey Pines I	Inst. for I	Molecular	Stds.		
REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	(Attach additional sheets if ne	ecessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, of interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of	OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep	·				
11. Pigs					
. 12. Other Farm Animals					
13. Other Animals					
We only use					
rats, mice an	d frogs				
ASSURANCE STATEMENTS	······································				<u> </u>
and following actual research 2) Each principal investigator ha 3) This facility is adhering to the principal investigator and appaddition to identifying the IAC	 n. teaching, testing, surger as considered alternatives e standards and regulation proved by the Institutional CUC-approved exceptions, or this research facility has 	y, or experimentation wer to painful procedures. s under the Act, and it ha Animal Care and Use Cor this summary includes a	re followed by this research facing a sequired that exceptions to the mmittee (IACUC). A summary brief explanation of the exceptions are sequired to the exceptions are sequired to the exceptions.	se of anesthetic, analgesic, and tranquilizing drugs, prior to the standards and regulations be specified and explained by of all the exceptions is attached to this annual report. I done as well as the species and number of animals affected eveternary care and to oversee the adequacy of other	the
	(Chief E	xecutive Officer of		CH FACILITY OFFICIAL e Institutional official) 7 U.S.C. Section 2143)	
S. C.	ATITICE (TIAL)	1		AL (Type or Print)	DATE SIGNED
-					1

Larisnteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0298 CUSTOMER NO. 1109

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

indude Zip Code)

COR THERAPEUTICS, INC.
256 EAST GRAND AVENUE
SAN FRANCISCO, CA 94080

SAN FRANCISCO, (650) 244-6800

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing
Same As Above (Item #2)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		24			24
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	16	0 .	523	0	523
9. Non-Human Primates					
10. Sheep		· · · · · · · · · · · · · · · · · · ·			
11. Pigs		-			
12. Other Farm Animals		· · · · · · · · · · · · · · · · · · ·		,	
13. Other Animals				Took of	
				15 NOV - 8 200 2	
				USDA APHIS. REAU, AL	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of an esthetic, analgesic, and tranquilizing druge, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I cortify that the above is true correct and commists (7 11 C C Section 2143)

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0299 CUSTOMER NO. 1108 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ANIMAL PHARM SERVICES, INC.

ANIMAL PHARM SERVICES, INC.

ANIMAL PHARM SERVICES, INC 1100 BRODERICK STREET SAN FRANCISCO, CA 94115 (707) 431-0171

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) 303 Dry Creek Road Healds by 19 Ca 195448

-PACILITY LOCATIONS(sites)

See Attached Listing
303 Dry Creck Road, Healdsburg, CA, 95448

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	∝1	18	0	0	18
7. Hamsters	0	О	0	0	6
3. Rabbits	27	1289	0	Ö	1289
9. Non-Human Primates	6	C	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	O
12. Other Farm Animals	0	23	0	0	23
13. Other Animals	٥	0	0		٥
				DEC 2 7 2001	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic and tranquilizing thougs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

12/20/01

AFFIG FORM 10.23 (Replaces VS FORM 18-23 (Oct 88), which is obsolete (AUG 91)

PART 1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0299

Customer Number:

1108

Facility:

ANIMAL PHARM SERVICES, INC.

1100 BRODERICK STREET SAN FRANCISCO, CA 94115

(707) 431-0171

ANIMAL PHARM SERVICES, INC. 303 DRY CREEK ROAD HEALDSBURG, CA 95448



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0303 CUSTOMER NO. 1105

, testing, teaching, or experimentation, or held for these purposes. Attach additional

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

13. Other Animals

ASSURANCE STATEMENTS

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

I D E C PHARMACEUTICALS CORP. 3030 CALLAN ROAD SAN DIEGO, CA 92121 (858) 431-8500

SACRAMENTO, CA

See Attached Listing					
	OD LINES CONTROL O	DE DESEABOU FACILITY	(Albert additional phoets if coop	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates			NO COVERED A	NIMALS	
10. Sheep					
11. Pigs					
12. Other Farm Animals					

FACILITY LOCATIONS(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

s of animal care and use.		
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	Attached letter
		BOCT O

RT 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0310

CUSTOMER NO. 1113

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

KERN MEDICAL CENTER ECC 1830 FLOWER STREET BAKERSFIELD, CA 93305 (805) 326-2667

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing AUBURN ANIMAL HOSPITAL #3713 Auburn Street 1830 Flower Street

Bakersfield, California 93306 Bakersfield, California 93305

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs			4		4
12. Other Farm Animals		of the state of th		·	
13. Other Animals					
				DEC 1 0 2001	
ASSURANCE STATEMENTS				USDA, APHIS, REAC, AC	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) Legify that the above is true correct, and complete (7.11.5 C. Section 2143)		
	эе or Print)	DATE SIGNED 5 DEC 01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

LariSo180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0311 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PACIFIC ANTISERA CORPORATION 2492 TECHNOLOGY DRIVE HAYWARD, CA 94545 (510) 782-1772

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		4	1690		1694
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12, Other Farm Animals					
13. Other Animals					
				1921 13142 3110 10	
				\$2084MENTO, CA	
ACCUDANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of animal care and use.		
(Chief Executi	I BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) le above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF CEO OF INSTITUTIONAL OFFICIAL	NAME 2 TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

The following sites have been reported by the facility.

Registration Number:

93-R-0311

Customer Number:

1111

Facility:

PACIFIC ANTISERA CORPORATION

2492 TECHNOLOGY DRIVE HAYWARD, CA 94545

(510) 782-1772

PACIFIC ANTISERA CORPORATION 2492 TECHNOLOGY DRIVE HAYWARD, CA 94545



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0314

CUSTOMER NO. 8227

FORM APPROVED OMB NO. 0579-0036

Large

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LA JOLLA INSTITUTE FOR ALLERGY AND IMMUN 10355 SCIENCE CENTER DRIVE SAN DIEGO, CA 92121

				(858) 558-3500	
 REPORTING FACILITY (List a sheets if necessary.) 	all locations where animals	were housed or used in	actual research, testing, teaching	or experimentation, or held for these purposes. Attach add	litional
1		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
				ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters			13		13
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
As a					,
13. Other Animals					
					1
ASSURANCE STATEMENTS					
Professionally acceptable st and following actual researce	andards governing the car h teaching testing surger	e, treatment, and use of a	nimals, including appropriate use	of anesthelid, analgesic, and tranquilizing drugs, prior to,	during,

NOV 3 0 ZUUI

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

> CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNED

-9/01

The following sites have been reported by the facility.

Registration Number:

93-R-0314

Customer Number:

8227

Facility:

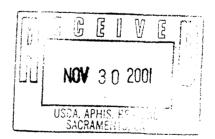
LA JOLLA INSTITUTE FOR ALLERGY AND IMMUN

10355 SCIENCE CENTER DRIVE

SAN DIEGO, CA 92121

(858) 558-3500

LA JOLLA INSTITUTE FOR ALLERGY AND IMMUN 10355 SCIENCE CENTER DRIVE SAN DIEGO, CA 92121



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0316 CUSTOMER NO. 1110 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CORVAS INTERNATIONAL, INC. 3030 SCIENCE PARK ROAD SAN DIEGO, CA 92121

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

CORVAS INTERNATIONAL, INC.
SAN DIEGO, CA 92121

REPORT OF ANIMALS USED BY	OR UNDER CONTROL	F RESEARCH FACILIT	Y (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animats being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		·			
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
	L	11/07/2001		

See reverse side for Interagency Report Control No 0180-DOA-AN 2- This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. additional information. UNITED STATES DEPARTMENT OF AGRICULTURE REGISTRATION NO. CUSTOMER NO. ANIMAL AND PLANT HEALTH INSPECTION SERVICE FORM APPROVED 93-R-0317 OMB NO 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, ANNUAL REPORT OF RESEARCH FACILITY include Zip Codel PHARMINGEN TYPE OR PRINT) 10975 TORREYANA ROAD SAN DIEGO, CA 92121 (858) 812-8800 (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional Vivanium - North Bidg. FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered bred. which teaching, TOTAL NO. conducted involving accompanying pain or distress teaching, research, By The Animal conditioned, or research, to the animals and for which the use of appropriate OF ANIMALS surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of conducted distress to the animals D + E) research, or involving no and for which appropriate surgery but not yet used for such pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs

7. Hamsters	Ø.	8	Ø	Ø . 1	8
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals			far	N 18 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
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			1/1	OCT 1 2001	
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ASSURANCE STATEMENTS				HISTA APPLIS REAC AC	
Professionally acceptable sta	indards governing the	care, treatment, and use of anim	nals, including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, prior to	, during,

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

asposis	G. G			
		CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)		
SIGNA			- 1	DATE SIGNED
			i	0-5.01
APHIS			1 - HEA	DQUARTERS

(AUG 91)

The following sites have been reported by the facility.

Registration Number: Customer Number:

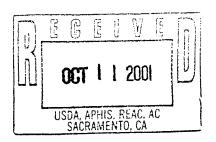
93-R-0317 1107

Facility:

PHARMINGEN

10975 TORREYANA ROAD SAN DIEGO, CA 92121 (858) 812-8800

PHARMINGEN 10975 TORREYANA ROAD SAN DIEGO, CA 92121



Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE 1. REGISTRATION NO. CUSTOMER NO. FORM APPROVED ANIMAL AND PLANT HEALTH INSPECTION SERVICE 93-R-0323 0 8225 OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, ANNUAL REPORT OF RESEARCH FACILITY include Zip Code) PRESIDENT & BOARD OF TRUSTEES OF SANTA CLARA (TYPE OR PRINT) COL 500 EL CAMINO REAL SANTA CLARA, CA 95053 (498) 554-4100 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of E. Number of animals upon which teaching, D. Number of animals upon animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned, or By The Animal surgery, or tests were research, to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in anesthetic, analgesic, or tranquilizing drugs would experiments, or conducted involving teaching, testing, tests were have adversely affected the procedures, results, or (Cols. C+ accompanying pain or experiments conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used must be attached to this report) purposes. relieving drugs. 4. Dogs 0 0 0 0 0 0 5. Cats 0 0 0 0 0 0 0 6. Guinea Pigs 0 7. Hamsters 0 0 0 0 0 Rabbits 0 9. Non-Human Primates 0 0 0 0 0 0 0 Ô \mathcal{O} 10. Sheep 0 0 11. Pigs 0 0 0 12. Other Farm Animals O 0 0 0 13. Other Animals 0 0 ASSURANCE STATEMENTS ∵}` 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use ng drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards f-regulations-be-specified-and-explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this work in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the 分合语数 地位外面的 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) DATE SIGNED rint) 11/28/01 (Replaces VS FORM /15-23 (Oct 88), which is obsolete APHIS FORM 7023 PART 1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0323

Customer Number:

8225

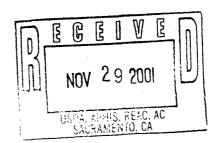
Facility:

PRESIDENT & BOARD OF TRUSTEES OF SANTA CLARA COL.

500 EL CAMINO REAL SANTA CLARA, CA 95053

(498) 554-4100

SANTA CLARA UNIVERSITY 500 EL CAMINO REAL SANTA CLARA, CA 95053



Latis Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

. REGISTRATION NO. 93-R-0326 CUSTOMER NO. 1102

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address as registered with USDA, include Zip Code)

BIO-DEVICES LABORATORIES 2118 W. COLLINS AVENUE ORANGE, CA 92867 (714) 639-9501

3	. REPORTING FACILITY	(List all locations where animals were	housed or used in actual research	n, testing, teaching,	or experimentation, or	held for these purposes.	Attach additional
	sheets if necessary.)			-			

See Attached Listing

A.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching.	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or	experiments, research, surgery or lests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these	TOTAL NO OF ANIMAL (Cols. C + D + E)
	purposes.	relieving drugs.	tranquilizing drugs were used.	animals and the reasons such drugs were not used must be attached to this report)	
4. Dogs	10		74		74
5. Cats					•
6. Guinea Pigs					
7. Hamsters					
3. Rabbits					
9. Non-Human Primates					
10. Sheep			·	,	
I1. Pigs			/3		/3
2. Other Farm Animals					
3. Other Animals				DEGELAE	AN .
				NOV 2 U 2001	
				USDA, APHIS, REAC, AC SACRAMENTO, CA	

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs; proand following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ON BY HEADQUARTERS RESEARCH FACILITY	
	utive Officer or Legally Responsible Institutional t the above is true, correct, and complete (7 U.S.C. Section	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL	PFFICIAL (Type or Print) DATE SIGNED
		11-20-01
	,,	ART 1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0326

Customer Number:

1102

Facility:

BIO-DEVICES LABORATORIES 2118 W. COLLINS AVENUE

ORANGE, CA 92867 (714) 639-9501

BIO-DEVICES LABORATORIES 2118 W. COLLINS AVENUE ORANGE, CA 92867

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0333 CUSTOMER NO. 1099 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

FERTILITY INST. OF CALIF., THE 1515 YGNACIO VALLEY RD, STE L WALNUT CREEK, CA 94598 (925) 945-1628

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	F RESEARCH FACILITY C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	(Attach additional sheets if nece D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, o interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters			110		110
8. Rabbits					
9. Non-Human Primates					
10, Sheep					
11. Pigs					
12. Other Farm Animals					
	`				
13. Other Animals					
				Lui Óli (
				LLU 001 1 3 2 3	
				USDA APHIS REAC AC	
ASSURANCE STATEMENTS	atom doesda con coming the con-	ro trootment and was af-	nin ala isali dina anggarista un	SACRAMENTO, CA	o during

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	
la La		DATE SIGNED
	N. CHARLES V. C. M. T. L. M. T. L. M. T. T. L. M. T.	HEADOLIARTERS

Armio FURM /023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

per records - 00 7 Novo/

The following sites have been reported by the facility.

Registration Number:

93-R-0333

Customer Number:

1099

Facility:

FERTILITY INST. OF CALIF., THE 1515 YGNACIO VALLEY RD, STE L

WALNUT CREEK, CA 94598

(925) 945-1628

THE FERTILITY INSTITUTE OF CALIFORNIA 1515 YGNACIO VALLEY RD, STE WALNUT CREEK, CA 94598



Larightenigency Report Control No 018C-DOA-4N

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0339 CUSTOMER NO. 1236

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as nigistered with USDA, Include Zip Code)

SURGICAL SIMULATION TRAINING CENTER 10625 NUEVO COURT FONTANA, CA 92335 (909) 875-1019

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach tidditional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A, Animals Covered By The Animat Welfere Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pein, distress, or use of pain-relleving drugs.	(Altach additional sheets if neca D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquillizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tents. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs			66		66
5. Cats					/-
5. Guinea Pigs					
7. Hamsters					
8. Rabbits				>0	
9. Non-Human Primates	50				
10. Sheep		133			133
11. Pigs		68.			68
12. Other Farm Animals				HEREUVEIM	
13. Other Animals MICE		//		OCT - 5 2001	11
				USUM, SPAIS BEAC, AC	250

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drups, pricir to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of enimal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

DQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0339

Customer Number:

1236

Facility:

SURGICAL SIMULATION TRAINING CENTER

10625 NUEVO COURT FONTANA, CA 92335

(909) 875-1019

SURGICAL SIMULATION TRAINING CENTER 10625 NUEVO COURT FONTANA, CA 92335



interagency Report Sentrol No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0347 CUSTOMER NO. 1247

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

aspects of animal care and use.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

WEREIN ZARUTSKIE FERTILITY CENTER 4900 BARRANCA PARKWAY, STE 103 IRVINE, CA 92604 (949) 726-0630

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing (CASTAL FORTILITY MED, CTR. 4900 BARRANCA PRKEDY #103 IPUINE, CA. 92604 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching. animals being animals upon experiments, research, surgery or tests were which experiments, Animals Covered bred. which teaching, conducted involving accompanying pain or distress TOTAL NO. teaching, research, conditioned, or surgery, or tests were By The Animal research, to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were have adversely affected the procedures, results, or (Cois. C + accompanying pain or experiments, conducted distress to the animals interpretation of the teaching, research, research or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were purposes. relieving drugs. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 298 34 298 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS 11417 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate useroff anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all disease exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. nary sare and to oversee the adequacy of other 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequa-

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

DATE SIGNED

T 1 - HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1 REGISTRATION NO 93-R-0349

CUSTOMER NO 1251

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ANNENBERG CENTER FOR HEALTH SCIENCES 39000 BOB HOPE DRIVE RANCHO MIRAGE, CA 92270 (760) 773-4500

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of D. Number of animals upon F Number of animals upon which teaching. animals being animals upon which experiments experiments, research, surgery or tests were TOTAL NO. Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress conditioned, or OF ANIMALS By The Animal to the animals and for which the use of appropriate research, surgery, or tests were Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would conducted involving (Cols. C+ teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or involvina na experiments, surgery, or tests. (An explanation of and for which appropriate surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or vet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. must be attached to this report) relieving drugs used. 0 0 0 4. Dogs 0 0 5. Cats 0 6. Guinea Pigs 0 0 0 Hamsters 0 8. Rabbits 0 0 9 Non-Human Primates 0 0 0 10. Sheep 0 0 0 11. Pigs 0 0 12. Other Farm Animals 0 0 0 13, Other Animals 0 0 0 5 U OCT - 5 2001 ASSURANCE STATEMENTS

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestibatic, analysis, and tranquilizing edugs, pripr to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. SACRAMENTO, CA

Each principal investigator has considered alternatives to painful procedures

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE ŞIGNED

HEADQUARTERS 8NOU01

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The following sites have been reported by the facility.

Registration Number:

93-R-0349

Customer Number:

1251

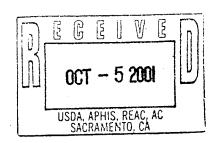
Facili.

ANNENBERG CENTER FOR HEALTH SCIENCES

39000 BOB HOPE DRIVE RANCHO MIRAGE, CA 92270

(760) 773-4500

ANNENBERG CENTER FOR HEALTH SCIENCES 39000 BOB HOPE DRIVE RANCHO MIRAGE, CA 92270



Laris Interagency Report Control No 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0357

CUSTOMER NO. 1260

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MICROCIDE PHARMACEUTICALS, INC 850 MAUDE AVENUE MOUNTAIN VIEW, CA 94043

	• • • • • • • • • • • • • • • • • • • •		FACILITY LOCATIONS(sites)		
See Attached Listing					1. T.
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	E RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cals. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					,
8. Rabbits	0	Ð	73	٥	73
9. Non-Human Primates					
10, Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
	1				
ASSURANCE STATEMENTS	· · · · · · · · · · · · · · · · · · ·				

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of a	nimal care and use.	, , , , , , , , , , , , , , , , , , , ,	
	<u> </u>	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	
SIG			re signed
APF (AUG 91)		NOV : 6 200	UARTERS.

USDA, APHIS, REAC, SACRAMENTO, CA

Lakieragency Report Control No 0180-DOA-AN

PART 1 - HEADQUARTERS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0358 CUSTOMER NO. 8231

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

QUESTCOR PHARMACEUTICALS 2714 LOKER AVENUE WEST CARLSBAD, CA 92008

REPORTING FACILITY (List sheets if necessary.)	all locations where animals	were housed or used in	actual research, testing, teaching	, or experimentation, or held for these	purposes, Attach add	itional
			FACILITY LOCATIONS(sites)			
See Attached Listing						
None		. 			***************************************	
REPORT OF ANIMALS USED BY A.	OR UNDER CONTROL O	F RESEARCH FACILITY C. Number of	· · · · · · · · · · · · · · · · · · ·	ssary or use APHIS FORM 7023A)		
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which experiments, research, surgery conducted involving accompan to the animals and for which the anesthetic, analgesic, or tranqui have adversely affected the pre interpretation of the teaching, reexperiments, surgery, or tests. the procedures producing pain animals and the reasons such a must be attached to this report)	or tests were ying pain or distress e use of appropriate lizing drugs would occlures, results, or assearch, (An explanation of or distress in these drugs were not used	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0		0
5. Cats	0	0	0	0		0
6. Guinea Pigs	0	0	0	0		0
7. Hamsters	0	0	0	0		0
8. Rabbits	0	0	0	0		0
9. Non-Human Primates	0	0	0	0	·	0
10. Sheep	0	0	0	0		0
11. Pigs	0	0	0	0		0
12. Other Farm Animals	0	Ô	0	0		0
13. Other Animals	0	· 0	0	0		0
				T R P R H W		
					<u> </u>	
ASSURANCE STATEMENTS		•		ner 1 7 200		
Professionally acceptable st and following actual researc Each principal investigator h This facility is adhering to th principal investigator and ap addition to identifying the IA.	 teaching, testing, surger has considered alternatives e standards and regulation proved by the Institutional CUC-approved exceptions, 	y, or experimentation we to painful procedures. s under the Act, and it ha Animal Care and Use Co this summary includes a	re followed by this research facility is required that exceptions to the mmittee (IACUC), A summary of brief explanation of the exception	USDA, APHIS, REAC, can apply the standards and beginstone to specific all the exceptions is attached to the s, as well as the species and number	AC d and explained by the is annual report. In of animals affected.	
The attending veterinarian for aspects of animal care and to the second se	use.			veterinary care and to oversee the add	equacy of other	
			QUARTERS RESEARCH or Legally Responsible			
3					Print)	DATE SIGNED
						10-12-01

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0360 CUSTOMER NO. 1269

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PROTEIN DESIGN LABS, INC. 34801 CAMPUS DRIVE FREMONT, CA 94555

(510) 574-1400 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, leaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) Number o C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon experiments, research, surgery or tests were which experiments, which teaching, Animals Covered bred. teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned, or By The Animal research. surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or anesthetic analgesic, or tranquilizing drugs would conducted involving teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, conducted interpretation of the teaching, research, D+E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic analgesic or yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were purposes. must be attached to this report) relieving drugs 4. Dogs 5. Cats 18 18 6. Guinea Pigs 7. Hamsters Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 276 276 Gerbil (15 ASSURANCE STATEMENTS 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anisthetic analogous and the care treatment and use of animals, including appropriate use of anisthetic analogous animals. igs, prior to, during. 2001 and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and requisitions be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) DATE SIGNED SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) 10/29/01

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0361 CUSTOMER NO. 1270

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PHARMACYCLICS 995 E. ARQUES AVENUE SUNNYVALE, CA 94086 (408) 774-0330

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	·				
7. Hamsters					
8. Rabbits		,	198		198
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals	·				
13. Other Animals			-		
· · · · · · · · · · · · · · · · · · ·				JU NOV - 2 2001	
				U0024 151110 15110 10	
				SACRAMENTO, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF CEO OF INSTITUTIONAL OFFICIAL	THANK THE COLOR OF A CONTROL OF THE COLOR	DATE SIGNED			
		10/30/01			

The following sites have been reported by the facility.

Registration Number: Customer Number:

93-R-0361

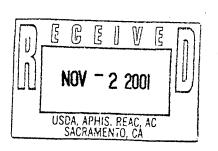
Facility:

1270 PHARMACYCLICS

995 E. ARQUES AVENUE SUNNYVALE, CA 94086

(408) 774-0330

PHARMACYCLICS 995 E. ARQUES AVENUE SUNNYVALE, CA 94086



Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0362 CUSTOMER NO. 1272

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

INSTITUTE OF CRITICAL CARE MEDICINE 1695 N. SUNRISE WAY PALM SPRINGS, CA 92262 (760) 323-6867

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)							
FACILITY LOCATIONS(sites)							
See Attached Listing							
					-1.4.4000000.0		
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)			
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research. experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)		
4. Dogs							
5. Cats				·			
6. Guinea Pigs							
7. Hamsters							
8. Rabbits							
9. Non-Human Primates							
10. Sheep							
11. Pigs		41			41		
12. Other Farm Animals							
13. Other Animals							
		~					
				The first control and a second			
ASSURANCE STATEMENTS			······································				
			nimals, including appropriate use e followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,		
2) Each principal investigator ha	as considered alternatives	to painful procedures.		NOV - 5 2001			
This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.							
4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.							
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)							

Α

1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0362

Customer Number:

1272

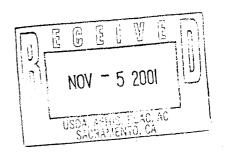
Facility:

INSTITUTE OF CRITICAL CARE MEDICINE

1695 N. SUNRISE WAY PALM SPRINGS, CA 92262

(760) 323-6867

INSTITUTE OF CRITICAL CARE MEDICINE 1695 N. SUNRISE WAY PALM SPRINGS, CA 92262



This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0363

CUSTOMER NO. 1274

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

B L P BIO LAB SERVICES

-1840 MANZANITA COURT I (IS MARINE VIEW DRIVE VISTA, CA 92083

(760) 941-3430

3. REPORTING FACILITY	(List all locations where animals	were housed or used in act	ual research, testing, teachir	ig, or experimentation	, or held for these purposes.	Attach additional
aboute if paggenger \						

FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) E. Number of animals upon which teaching, Number of animals upon Number of Number of experiments, research, surgery or tests were animais being animals upon which experiments. conducted involving accompanying pain or distress TOTAL NO. which teaching, Animals Covered bred, teaching, research, OF ANIMALS conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate By The Animal anesthetic analgesic, or tranquilizing drugs would Welfare Regulations held for use in experiments, or conducted involving teaching, testing, have adversely affected the procedures, results, or (Cols. C + accompanying pain or tests were experiments, interpretation of the teaching, research, D + E) conducted distress to the animals experiments, surgery, or tests. (An explanation of research, or involving no and for which appropriate the procedures producing pain or distress in these surgery but not anesthetic, analgesic, or pain, distress, or yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used must be attached to this report) purposes. relieving drugs. used 4. Dogs 5. Cats Guinea Pigs 7. Hamsters σ 3 Rabbits 9. Non-Human Primates 10. Sheep 11, Pigs 12. Other Farm Animals 13. Other Animals **ASSURANCE STATEMENTS** 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual representation to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animous affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

> CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

Landiffy that the above in true correct, and complete (7.11.8.C. Section 2143)

DATE SIGNED EADQUARTERS

(AUG 91)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0364 CUSTOMER NO. 1278

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SIERRA BIO SOURCE, INC. 260 COCHRANE CIRCLE, STE E MORGAN HILL, CA 95037

FACILITY LOCATIONS(sites)									
SIERRA BIO SOURCE, INC. GILROY, CA 95020									
	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)								
REPORT OF ANIMALS USED BY		F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)				
4. Dogs									
5. Cats									
6. Guinea Pigs			14		14				
7. Hamsters									
8. Rabbits			8		8				
9. Non-Human Primates									
10. Sheep									
11. Pigs				-					
12. Other Farm Animals									
13. Other Animals									
ACCUPANCE CTATEMENTS									
SSURANCE STATEMENTS									

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL					
(Chief Executive Officer or Legally Responsible Institutional official)					
certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		11/19/2001			

This reporais required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0367 CUSTOMER NO. 1296 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

APPLIED MOLECULAR EVOLUTION 3520 DUNHILL STREET SAN DIEGO, CA 92121 (619) 597-4990

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

AME VIVARIUM - 3520 DUNHILL STREET SAN DIEGO, CA, 92121									
	SAN DIE	90, CA, 921	21						
Target of Alline Charles	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)								
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	O. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)				
4. Dogs	0	0	0	0	Ð				
5. Cats	0	0	0	0	0				
6. Guinea Pigs	0	0	0	0	0				
7. Hamsters	0	0	0	0	0				
8. Rabbits	0	0	0	0	0				
9. Non-Human Primates	0	0	0	0	0				
10. Sheep	0	0	0	0	0				
11. Pigs	0	0	0	0	0				
12. Other Farm Animals		0	0	0	0				
4									
13. Other Animals	0	0	0	٥					
				GED 2 7 2000					
ASSURANCE STATEMENTS				100					
			nimals, including appropriate use e followed by this research facility	d anesthetic, analgesic, and tranquilizing drugs, prior to,	during,				
2) Each principal investigator ha				USDA, APHIS, REAC, AC SACRAMENTO, CA					
principal investigator and app addition to identifying the IAC	proved by the Institutional CUC-approved exceptions	Animal Care and Use Cor this summary includes a	mmittee (IACUC). A summary of brief explanation of the exception	standards and regulations be specified and explained by the all the exceptions is attached to this annual report. In is, as well as the species and number of animals affected.	9				
4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.									

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)

DATE SIGNED

APHIS FORM 7023 (Replaces VS FO

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

DIOCULIA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED THE

Z. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Codel

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

ibroben INC. 25 Geteray BLVd.

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, reaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles) Reporting period from

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, axperiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, feaching, research, surgery, or fasts were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analigesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have odversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests, (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL: (COIS. C + O + E)
4. Dogs	0	0	0	0	0
5. Cais	0	0	0	0	0
5. Guinea Pigs	10	0	0	0	0
7. Hamsters	10	0	0	0	0
3. Rabbits	2	0	69	0	69
9. Non-human Primates	10	0	0	0	0
10. Sheep	0	Ø	0	0	0
:1. Pigs	0	0	0	9	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
				[R R R I W B []	
ASSURANCE STATEMENTS					

1) Protessionally acceptable standards governing the care, treatment, and use of animals, including approviate use of mestinence, analysis, and francultizing drugs, prior to, curing, and following actual research, reaching, losting, surgery, or experimentation were tollowed by this research tac NOV 29 2001

2). Each principal investigator has considered afternatives to painful procedures

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations and explained by the principal investigator and approved by the institutional Annual Care and use Committee (IACUC). A summary of all such exceptions is attached to this annual report, to action to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the spaces and principal attached.

4). The offending velginarian for this research facility has appropriate authority to ensure the provision of odequate velginary care and to oversee the adirquody of other ospects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Sestion 2143)

SIGNATU

DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolute)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0369

CUSTOMER NO. 1298

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PRIMATE PRODUCTS, INC. - EAST 1765 EAST BAYSHORE, SUITE 28A P. O. BOX 620415 REDWOOD CITY, CA 94062 WOODSIDE, CA (445) 368-0563 650-529-0419

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

7780 NW 53 ST. MIAMI, FL 33166 QUARANTINE DIVISION

34200 DUMPROAD IMMOKALEE, FL GROUP HOUSING FACILITY

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMAL: (Cols. C + D + E)	
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters						
8. Rabbits						
9. Non-Human Primates	-0-	- 0-	-0-	-0 -	-0-	
10. Sheep			4			
11. Pigs						
12. Other Farm Animals			Property and the second			
13. Other Animals						
ASSURANCE STATEMENTS			<u> </u>			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic analysis, and transplacing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

11-26-01 **EADQUARTERS**

The following sites have been reported by the facility.

ADDRESS CORRECTION NEEDED

Registration Number:

93-R-0369

Customer Number:

1298

Facility:

PRIMATE PRODUCTS, INC. - EAST

1755 EAST BAYSHORE, SUITE 28A

REDWOOD CITY, CA 94062

P.O. BOX 620415

WOODSIDE CA 94062

(415) 368-0663

650-529-6419

(2.)

PRIMATE PRODUCTS, INC. - EAST

34200 DUMP RD -IMMOKALEE, FL 34142 7780 NW 53 ST.

(QUARANTINE DIV.)

MiAMi, FL 33166-4102

3. PRIMATE PRODUCTS, INC. 34200 DUMP ROAD IMMOKALEE, FL 34142

See reverse side for

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0371 CUSTOMER NO. 1304 FO

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

DOG LODGE, INC., THE 1551 WEST LAMBERT ROAD LA HABRA, CA 90631 (562) 691-1152

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

The Dog Lodge, 1551 WLAMbert Rd
LAHABER, CA 90631

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		74			74
5. Cats		82			82
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				OCT 2 5 2001	
				USDA, APHIS, REAC, AC SACRAMETTO, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

٢	CERTIFICATION BY	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL		
1	(Chief Executive			
١	I certify that the a	bove is true, correct, and complete (7 U.S.C. Section 2143)		
Ì	SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)		DATE SIGNED
l			ŀ	10/22/01

The following sites have been reported by the facility.

Registration Number:

93-R-0371

Customer Number:

1304

Facility:

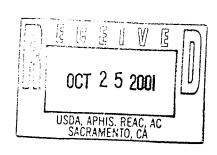
DOG LODGE, INC., THE

1551 WEST LAMBERT ROAD

LA HABRA, CA 90631

(562) 691-1152

THE DOG LODGE, INC. 1551 WEST LAMBERT ROAD LA HABRA, CA 90631



Larisonteragency Report Control No Larisonteragency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0377

CUSTOMER NO. 1331

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LIGAND PHARMACEUTICALS, INC. 10255 SCIENCE CENTER DRIVE SAN DIEGO, CA 92121 (858) 550-7888

I	3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional						
ł	sheets if necessary.)						
_	FACILITY LOCATIONS(sites)						
_	See Attached Listing						

See Attached Listing	•		İ				
10255 Sas	ince Cen	yer Dr					
San Diego	CA	92121					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)			
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)		
4. Dogs	0	0	0	0	Q		
5. Cats		0	0	0	0		
6. Guinea Pigs	Ŏ	Ô	0	0	Ŏ		
7. Hamsters	0	0	<u> </u>	0	0		
3. Rabbits	0	\bigcirc	0	0			
9. Non-Human Primates	0	Ŏ	0	Ó	0		
10. Sheep	0	0	0	0	0		
11. Pigs	0	0	0	0	Ò		
12. Other Farm Animals	0	0	0	0	0		
	,						
13. Other Animals	0	0	0	0.	6		
				10 10 100 100 100 100			
·				100			
				OCT 8 2001			
ASSURANCE STATEMENTS							
			animals, including appropriate use re followed by this research facilit	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,		
Each principal investigator has			į	USDA, APHIS. REAC, AC SACRAMENTO, CA			
principal investigator and app	proved by the Institutional	Animal Care and Use Co	mmittee (IACUC). A summary of	standards and regulations be specified and explained by th fall the exceptions is attached to this annual report. In ns, as well as the species and number of animals affected.	Э		
4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other							

aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		-
SIGNATUF		Print)	DATE SIGNED
A DUILE TO		DADTA	10/15/01

APHIS FC (AUG 9 PART 1 - HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0378 CUSTOMER NO. 1332

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SELECTIVE GENETICS, INC. 11035 ROSELLE STREET SAN DIEGO, CA 92121

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which experiments, experiments, research, research, experiments, or conducted involving an ansithetic, analgesic, or use of pain- which experiments, research, conducted involving an ansithetic, analgesic, or the animals and for which appropriate experiments, research conducted to the animals and for the teason and for which appropriate experiments, research conducted to the animals and for the teason and for which appropriate experiments, research conducted involving an animals and for the teason and for which appropriate experiments, research conducted involving an animals and for the teason animals and for which appropriate experiments, research conducted involving an animals and for the teason animals and for the teason animals and for the animals and for the teason animals and for the teason animals and for the teason animals and for the animals and for the teason animals and the teason animals and for the teason animals and for the teason animals and for the teason animals and the teason	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	which experiments, teaching, research, surgery, or tests were conducted involving account accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilitzing drugs were animals and the reasons	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs						
5. Cats						
6. Guinea Pigs		· · · · · · · · · · · · · · · · · · ·				
7. Hamsters						
8. Rabbits	25	45			45	
9. Non-Human Primates					· · · · · · · · · · · · · · · · · · ·	
10. Sheep						
11. Pigs						
12. Other Farm Animals						
13. Other Animals						
				TO 2223 191		
ASSURANCE STATEMENTS				USDA APHIS REAC AC		

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, and the care treatment, and use of animals, including appropriate use of anesthetic, and the care treatment, and use of animals, including appropriate use of anesthetic, and the care treatment, and use of animals, including appropriate use of anesthetic, and the care treatment, and use of animals, including appropriate use of anesthetic, and the care treatment, and use of animals, including appropriate use of anesthetic, and the care treatment and the care treatment, and use of animals, including appropriate use of anesthetic, and the care treatment an

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

Legific that the above is true correct, and complete (7.11.5.C. Section 2143)

(b)(6), (b)(7)c

DATE SIGNED

118 Oct 01 PARI 1-HEADQUARTERS ZONOUOI - CJ

APrip FURM (UZ3 (AUG 91)

SI

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0378

Customer Number:

1332

Facility:

SELECTIVE GENETICS, INC. 11035 ROSELLE STREET

SAN DIEGO, CA 92121

(619) 625-0100

SELECTIVE GENETICS, INC. 11035 ROSELLE STREET SAN DIEGO, CA 92121



Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0380

CUSTOMER NO. 1344

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) SANTA CRUZ BIOTECHNOLOGY, INC.

2161 DELAWARE AVENUE SANTA CRUZ, CA 95060 (831) 457-3800

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of E. Number of animals upon which teaching, À. C. Number o D. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, which teaching, Animals Covered bred teaching, research, conducted involving accompanying pain or distress TOTAL NO By The Animal conditioned, or to the animals and for which the use of appropriate OF ANIMALS research. surgery, or tests were Welfare Regulations held for use in conducted involving experiments, or anesthetic, analgesic, or tranquilizing drugs would accompanying pain or have adversely affected the procedures, results, or teaching, testing, tests were (Cols. C+ experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no experiments, surgery, or tests. (An explanation of and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these vet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. must be attached to this report) relieving druas. used 4. Dogs 5 Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12 Other Farm Animals 329 GOATS 13. Other Animals 11 DONKEYS 9 CATTLE ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anisthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual moort, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
	t)	DATE SIGNED
		11/6/01

The following sites have been reported by the facility.

Registration Number:

93-R-0380

Customer Number:

1344

Facility:

SANTA CRUZ BIOTECHNOLOGY, INC.

2161 DELAWARE AVENUE SANTA CRUZ, CA 95060

(831) 457-3800

SANTA CRUZ BIOTECHNOLOGY, INC. 5332 COAST ROAD # 1 SANTA CRUZ, CA 95060

DELETÉ

74655 CAMATTI-SHANDON RD SHANDON, CA 93461

- SAN JUAN RAMCH



1 31 Snteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. CUSTOMER NO. 1345 93-R-0381

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Pharmacology and Preclinical Development Department

2) Each principal investigator has considered alternatives to painful procedures.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) TULARIK INC.

TWO CORPORATE DRIVE SOUTH SAN FRANCISCO, CA 94080 650-825-7300

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. A	Attach additional
sheets if necessary.)	
FACILITY LOCATIONS (sites)	

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) E. Number of animals upon which teaching. B. Number of C. Number of D. Number of animals upon experiments, research, surgery, or tests were animals being animals upon which experiments, which teaching, conducted involving accompanying pain or distress to the animals and for which the use of appropriate bred. teaching, research, TOTAL NO Animals Covered conditioned, or research. surgery or tests were By the Animal OF ANIMALS anesthetic, analgesic, or tranquilizing drugs would held for use in experiments, or conducted involving Welfare Regulations accompanying pain or distress to the animals have adversely affected the procedures, results, or interpretation of the teaching, research, teaching, testing, tests were conducted experiments. (Cols. C+ research, or and for which appropriate experiments, surgery, or tests. (An explanation of involving no D + E) the procedures producing pain or distress in these animals and the reasons such drugs were not used surgery but not pain, distress, or anesthetic, analgesic, or yet used for such use of paintranquilizing drugs were purposes. relieving drugs must be attached to this report) 0 0 4. Doas a n n 5. Cats 0 0 0 0 0 6. Guinea Pigs 0 n 0 0 n 7. Hamsters 0 0 258 0 258 8. Rapbits 0 0 0. 0 0 9. Non-Human Primates 0 0 0 0 0 10. Sheep 0 0 0 0 11. Pigs 0 0 0 0 0 12 Other Farm Animais ٥ 0 ń 0 0 13. Other Animals 0 0 0 0 0 ASSURANCE STATEMENTS P 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

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nt)	DATE SIGNED
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	nt)

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well at the species and pumber of animals: affected.

OCT 2 9 2001 of regulations be specified and explained by the

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE 1. REGISTRATION NO. CUSTOMER NO. Laris FORM APPROVED ANIMAL AND PLANT HEALTH INSPECTION SERVICE 93-R-0382 1288 OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, **ANNUAL REPORT OF RESEARCH FACILITY** include Zip Code) PHOENIX PHARMACEUTICALS, INC. (TYPE OR PRINT) 2438 WYANDOTTE STREET MOUNTAIN VIEW, CA 94043 (650) 988-9220 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing

animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
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				<u>Ø</u>
				<u> </u>
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				Ø
			ni per 10 mm	
	held for use in teaching, testing, experiments, research, or surgery but not yet used for such	held for use in teaching, testing, experiments, or tests were conducted involving no surgery but not yet used for such experiments, or tests were conducted involving no pain, distress, or use of pain-	held for use in teaching, testing, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. held for use in teaching, testing, experiments, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	held for use in teaching, testing, experiments, or tests were experiments, research, or surgery but not yet used for such purposes. Held for use in teaching, testing, experiments, or tests were used involving no pain, distress or use of pain—relieving drugs. Held for use in teaching, testing, experiments, or tests were used involving no pain, distress or use of pain—relieving drugs. Held for use in teaching, testing, experiments, or tests were used involving no pain, distress or use of pain—trelieving drugs. Held for use in testing accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would nave adversely affected the procedures, results, or interpretation of the teaching, research, or tranquilizing drugs were used. Held for use in testing accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would nave adversely affected the procedures, results, or interpretation of interpret

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	12/6/01

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0384 CUSTOMER NO. 1291

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

I C R C COMPANY 950 DOLAN ROAD CASTROVILLE, CA 95012 (831) 633-4263

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing

950 Delan Road

Castroville, CA 95012

Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analysisc, or tranquilizing drugs v ould have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMAL: (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	1350	1350		,	1350
9. Non-Human Primates		***	.1		
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
· · · · · · · · · · · · · · · · · · ·				10 10 10 10 11 11	
					_1011

1)	Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic,	anaigesic	, and tranquilizin	g _r drugs, (originato, d	Juring.
	Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.	1	i oct	31	<u> L</u> UUI	-

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10-19-01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

perfile, 8 Nov01.

PART 1 - HEADQUARTERS

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report; Indicated addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Laris

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0386

CUSTOMER NO. 1632

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PALCO LABS, INC. 8030 SOQUEL AVENUE SANTA CRUZ, CA 95062 (408) 476-3151

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

A. Animals Covered By The Animal Welfare Regulations	OR UNDER CONTROL O B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	M. (Attach additional sheets if neces D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Essary or use APHIS FORM 7023A) E. Number of animals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Goats			2		2
13. Other Animals					
·····		[

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to nainful procedures.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate-

DATE SIGNED **IDQUARTERS**

The following sites have been reported by the facility.

Registration Number:

93-R-0386

Customer Number:

1632

Facility:

PALCO LABS, INC.

8030 SOQUEL AVENUE SANTA CRUZ, CA 95062

(408) 476-3151

PALCO LABS, INC. 340D EL PUEBLO DRIVE SCOTTS VALLEY, CA 95066

Research Site:

411 Laurel Street

Santa Cruz, CA 95060

Telephone: 831-427-2239

Animal Site:

400 Sims Road

Santa Cruz, CA 95060

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0387 CUSTOMER NO. 1687

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

HOUSE EAR INSTITUTE 2100 W. THIRD STREET, 5TH FLR LOS ANGELES, CA 90057

REPORTING FACILITY (List sheets if necessary.)	t all locations where animal	s were housed or used in	actual research, testing, teaching	g, or experimentation, or held for these purposes. Attach	additional
			ACILITY LOCATIONS(sites)		
HOUSE EAR INSTITUTE LOS ANGELES, CA 90057					
·					
REPORT OF ANIMALS USED B			(Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
A.	B. Number of animals being	C. Number of animals upon	D. Number of animals upon which experiments	E. Number of animals upon which teaching,	F.

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMAL: (Cois. C + D + E)
4. Dogs					4
5. Cats					
6. Guinea Pigs	21	89	17		106
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep				·	
11. Pigs			-		
12. Other Farm Animals					
· · · · · · · · · · · · · · · · · · ·					
13. Other Animals					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
		10/24/2001				

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0389 CUSTOMER NO. 1707

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

QED BIOSCIENCES, INC. 11021 VIA FRONTERA, SUITE 203 SAN DIEGO, CA 92127 (619) 675-2405

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	· · · · · · · · · · · · · · · · · · ·
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					19
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	Ø	63	Ø	Ø	63
9. Non-Human Primates					
10. Sheep					
11. Pigs	_				
12. Other Farm Animals					
٠	·				
13. Other Animals					
				HM 650 10 2001 1191	
ASSURANCE STATEMENTS					
	andards governing the care	e, treatment, and use of a	nimals including appropriate use	of anesthetic apartiesis and transmissing drips prior to	luring
and following actual research	n, teaching, testing, surger	y, or experimentation wer	e followed by this research facility	of inesthetic, additional and particularing drugs, prior to, of SACRAMENIU, and	

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)

Tief Executive Officer or Legally Responsible Institutional offici-I certify that the above is true, correct, and complete (7.11.5.0. Section 2442).

ATE SIGNED

2.6.0

.JQUARTERS

(AUG 91)

11

The following sites have been reported by the facility.

Registration Number:

93-R-0389

Customer Number:

1707

Facility:

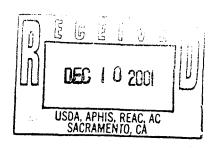
QED BIOSCIENCES, INC.

11021 VIA FRONTERA, SUITE 203

SAN DIEGO, CA 92127

(619) 675-2405

QED BIOSCIENCES, INC. 1649 GRIFFITH ROAD RAMONA, CA 92065



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0390 CUSTOMER NO. 1720 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 AMYLIN PHARMACEUTICALS

AMYLIN PHARMACEUTICALS 9373 TOWNE CENTRE DRIVE SAN DIEGO, CA 92121

		F	FACILITY LOCATIONS(sites)		
AMYLIN PHARMACEUTICAL SAN DIEGO, CA 92121	.S				
			(Attach additional sheets if neces	essary or use APHIS FORM 7023A)	·
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying, pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			24		24
9. Non-Human Primates	,				
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
		10/30/2001				

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO . 93-R-0391

FORM APPROVED 13(15)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code) ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

AVIRON 297 North Bernardo Ave Mountain View, CA 94043 (650) 919-3720

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

		FA	ACILITY LOCATIONS (Sites)		
REPORT OF ANIMALS USED BY C	R UNDER CONTROL O	F RESEARCH FACILIT	TY (Attach additional sheets if ne	ocessary or use APHIS FORM 7023A)	
A. Animals Covered By The Anima Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompenying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have acversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					ļ
6. Guinea Pigs					
7. Hamsters			260		260 .
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11., Pigs					
12. Other Farm Animals					-
13 Other Animals					
Ferrets			1013		1013
Cotton Rats		105	160		265
				T R P R I	N IS D
ASSURANCE STATEMENTS					ח א ש
 Professionallyacceptable stand and following actual research, 	dards governing the can teaching, testing, surge	 a. treatment, and use ry, or experimentation 	of animals including appropriat were followed by this research	n facility	71111
2) Each principal investigator has	considered alternatives	to painful procedures.	•	UU 0CT 2 2	ارس ا 200
principal investigator and appro addition to identifying the IACUC	oved by the Institutional C-approved exceptions, t	Animal Care and Use this summary includes	e Committee (IACUC), A sumn s a brief explanation of the exce	to the standards and regulations is specified and explaine mary of all such exceptions is a tached to this annual septions, as well as the species and nutsers. Aprils are consistent as the species and nutsers.	
animal care and use.	s research facility has a	appropriate authority to	o ensure the provision of adec	quate veterinary care and to oversee the	ects of

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).						
SIGN		CIAL (Type or Print)	DATE SIGNED			
			27SEP01			

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0396 CUSTOMER NO. 1750 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code)
MIRAVANT PHARMACEUTICALS, INC.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

MIRAVANT PHARMACEUTICALS, INC 336 BOLLAY DR SANTA BARBARA, CA 93117

 REPORTING FACILITY (List a sheets if necessary.) 	il locations where animals	were housed or used in a	actual research, testing, teaching,	or experimentation, or held for these purposes. Attach add	itional
		F	ACILITY LOCATIONS(sites)		
MIRAVANT PHARMACEUTIC SANTA BARBARA, CA 93117					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	 (Attach additional sheets if nece:	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					1
5. Cats					
6. Guinea Pigs			124		124
7. Hamsters					
8. Rabbits			373		373
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
		10/04/2001					

ASSURANCE STATEMENTS

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0398

CUSTOMER NO. 1761

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) COMPARATIVE BIOSCIENCES, INC. 2672 BAYSHORE PKWY, STE 515 MOUNTAIN VIEW, CA 94043

(650) 404-0940

 REPORTING FACILITY (List a sheets if necessary.) 	ocations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional	
	FACILITY LOCATIONS (sites)	
See Attached Listing		

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		\bigcirc	113	0	113
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm A rimals					
13. Other Animals					
ASSURANCE STATEMENTS		<u> </u>		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. OCT 3 | 2001

2) Each principal investigator has considered atternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

PART 1 - HEADQUARTERS

APHIS FORM 7023 (AUG 91)

SI

(Replaces VS FORM 18-23 (Oct 88), which is obsolete PER File, 8 Nov 61.



The following sites have been reported by the facility.

Registration Number:

93-R-0398

Customer Number:

1761

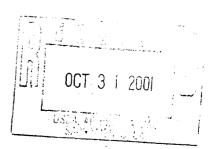
Facility:

COMPARATIVE BIOSCIENCES, INC. 2672 BAYSHORE PKWY, STE 515

MOUNTAIN VIEW, CA 94043

(650) 404-0940

COMPARATIVE BIOSCIENCES, INC. 2375 GARCIA AVE MOUNTAIN VIEW, CA 94043



Interagency Report Control No 0180-DOA-AN Lans

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0401 CUSTOMER NO. 1768

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

INTUITIVE SURGICAL 1340 W. MIDDLEFIELD ROAD MOUNTAIN VIEW, CA 94043 (650) 237-7000

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred which teaching, teaching, research, conducted involving accompanying pain or distress to the animals and for which the use of appropriate TOTAL NO. By The Animal conditioned, or research. surgery or tests were OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ conducted experiments, distress to the animals interpretation of the teaching, research, D + E) and for which appropriate research, or involving no experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. must be attached to this report) 4. Dogs Per telephones 5. Cats 6. Guinea Pigs Hamsters 8. Rabbits 9 Non-Human Primates 10. Sheep 11. Pics 12. Other Farm Animals 13. Other Animals And hard USDA, APHIS, REAC SHUKKMENTO, CA ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

ing to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the r and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In ig the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

inarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other are and use.

DATE SIGNED

FARL I - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0402 CUSTOMER NO. 1775

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BIO-SCIENCE RESEARCH INSTITUTE, INC. 4813 CHEYENNE WAY CHINO, CA 91710 (909) 628-3007

 REPORTING FACILITY (List a sheets if necessary.) 	all locations where animals	were housed or used in	actual research, testing, teaching	, or experimentation, or held for these purposes. Attach ad	ditional
		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					·
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	None	None	None	None	0
9. Non-Human Primates					
10. Sheep					
11. Pigs		***			
12. Other Farm Animals					
13. Other Animals					
				200	
				11 3 6 3 1	
ASSURANCE STATEMENTS				11111 NOV 28 2	ــــــــــــــــــــــــــــــــــــــ
			animals, including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, prior to,	استنسست
Each principal investigator h.		•		USDA, APHIS, REA SYCRAMEMIO	Z, AC
principal investigator and ap-	proved by the Institutional.	Animal Care and Use Co	mmittee (IACUC). A summary of	standards and regulations be-specified and explained by the all the exceptions is attached to this annual report. In its, as well as the species and number of animals affected.	(,23 6
	r this research facility has			veterinary care and to oversee the adequacy of other	

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

APHIS FORI (AUG 91)

SIGNATURE

PART 1 - HEADQUARTERS

DATE SIGNED

11-26-0

L (Type or Print)

See attached form for additional information Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 93-R-0403

CUSTOMER NUMBER: 1778

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Collateral Therapeutics, Inc. 11622 El Camino Real

Telephone:

(619)486-6107

San Diego, CA 92130

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEA	RCH FACILITY (Attach additio	nal sheets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying, pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs				· · · · · · · · · · · · · · · · · · ·	
5. Cats					
6. Guinea Pigs					
7. Hamsters			‡		
8. Rabbits					
9. Non-human Primate					
0. Sheep					
1. Pigs	0	0	. 63	0	63
2. Other Farm Animals				Name of the state	
3. Other Animals		·			
				,	
ASSURANCE STATEMENTS				[] [E [] [E [] [] [E []]	
			f use of animals, including appropri lowed by this research facility.	ate use of anelytetic, analgesic, and tranquilizing drugs, prid	r to, during, and follo
2) Each principal invest	tigator has considered alt	ernatives to painful proce	edures.	NOV 28 2001	
investigator and ann	roved by the Institutional	Animal Care and Use Co.	mmittee (IACIIC). A summany of all -	s to the standards and regulations be specified and explaine such exceptions is attached to this annual report. In addition pecies and number of animals affected REAC, AC	
4) The attending veteri	narian for this research fa	cility has appropriate aut	hority to ensure the provision of ad	equate veterinary care and to oversee the adequacy of other	aspects of animal ca

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL I Chief Executive Officer or Legally Responsible Institutional Official)

The following sites have been reported by the facility.

Registration Number: 93-R-0403

Customer Number: 1778

Facility:

Collateral Therapeutics, Inc.

11025 Roselle Street San Diego, CA 92121

858-404-9337

Collateral Therapeutics, Inc. 11622 El Camino Real San Diego, CA 92130

Latifateragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICUITURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0404

CUSTOMER NO. 1785

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MOLECULAR DIAGNOSTIC SERVICES, INC. 11545 SORRENTO VALLEY RD, #305 SAN DIEGO, CA 92121

(858) 259-0301

3.	REPORTING FACILITY	(List all locations where animals were	housed or used in actual research	h, testing, teaching	, or experimentation, or held for thes	e purposes.	Attach additiona
	sheets if necessary.)						

FACILITY LOCATIONS(sites)

4202 Sorrento Valley Blud- Ste H-J Diego, CA 92121 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) A. B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered bred, which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS held for use in Welfare Regulations experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, have adversely affected the procedures, results, or (Cols. C+ tests were accompanying pain or distress to the animals conducted experiments. interpretation of the teaching, research, D + E) research or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. relieving drugs. must be attached to this report) 4. Dogs 5. Cats 232 6. Guinea Pigs 232 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

 Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and to 		
	ranguilizina druas, orior to, during	a
		3
and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.		

2) Each principal investigator has considered alternatives to painful procedures,

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CER	RTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Cł	nief Executive Officer or Legally Responsible Institutional official)
	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0405

CUSTOMER NO. 1789

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

XENOGEN CORPORATION 860 ATLANTIC AVE ALAMEDA, CA 94501 (510) 291-6100

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, leaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching animals being animals upon which experiments, experiments, research, surgery or tests were TOTAL NO. Animals Covered bred, which teaching, teaching, research, conducted involving accompanying pain or distress By The Animal conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would (Cols. C+ teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or experiments, interpretation of the teaching, research, D + E) conducted distress to the animals research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. must be attached to this report) relieving drugs. used. 4 **.** 0 4. Dogs 0 9 0 5. Cats 0 Guinea Pigs O 0 B Ð Hamsters -0- 0 8. Rabbits -0-Đ 0 9 Non-Human Primates 0 Ð 10. Sheep Ð Ð 11. Pigs Ð Đ 12. Other Farm Animals Ð A D Other Animals ASSURANCE STATEMENTS and Edunganizing Spring

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

BIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations to the cified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this influence addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTE	RS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally	Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

APHIS FORM 7023 (AUG 91)

20/01 PART 1 - HEADQUARTERS

Self or life

The following sites have been reported by the facility.

Registration Number:

93-R-0405

Customer Number:

1789

Facility:

XENOGEN CORPORATION

860 ATLANTIC AVE ALAMEDA, CA 94501 (510) 291-6100

XENOGEN CORPORATION 860 ATLANTIC AVE ALAMEDA, CA 94501



Interagency Report Control No. 0180-DOA-AN

· UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0406

CUSTOMER NO. 1794

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ADVANCED MEDICINE, INC. 901 GATEWAY BLVD SAN FRANCISCO, CA 94080 (650) 808-6027

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs				·	
5. Cats					
6. Guinea Pigs	211	476	4922		5398
7. Hamsters		- · · · · · · · · · · · · · · · · · · ·			
a. Rabbits		ante (Pettoria) de la companya de la			
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals			!		
				NOV 5	
				0.00	
ASSURANCE STATEMENTS				of anesthetic, analgesic, and tranquilizing drugs, prior to,	

- and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives to painful procedures,
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

•		
·····	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Officer or Legally Responsible Institutional official)	
	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF		DATE SIGNED
		11/15/01

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0406

Customer Number:

1794

Facility:

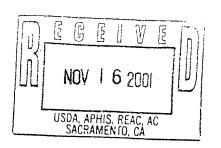
ADVANCED MEDICINE, INC.

901 GATEWAY BLVD

SAN FRANCISCO, CA 94080

(650) 808-6027

ADVANCED MEDICINE, INC. 901 GATEWAY BLVD SAN FRANCISCO, CA 94080



LariSInteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0407

CUSTOMER NO. 1797

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

11. Pigs

Other Farm Animals

ASSURANCE STATEMENTS

13. Other Animals

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

 DRO DUCT HEALTH INC.

PRO DUCT HEALTH, INC. 1360 WILLOW RD, STE 201 MENLO PARK, CA 94025

MENLO PARK, CA 94025
(650) 843-6770 566 - 233 6 5 5 8 8 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

See Attached Listing Same as above REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon experiments, research, surgery or tests were which experiments which teaching, Animals Covered bred, teaching, research, conducted involving accompanying pain or distress TOTAL NO. surgery, or tests were OF ANIMALS 8v The Animal conditioned, or research. to the animals and for which the use of appropriate held for use in Welfare Regulations conducted involving experiments, or anesthetic, analgesic, or tranquilizing drugs would teaching, testing, have adversely affected the procedures, results, or tests were (Cols. C+ accompanying pain or experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or invalving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. must be attached to this report) used 4. Dogs 5. Cats Guinea Pigs 7. Hamsters 15 8 Rabbits 15 9. Non-Human Primates 10. Sheep

FACILITY LOCATIONS(sites)

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NA

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Ty)

20 NOVOI 11-10-01

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PART 1 - HEADQUARTERS

Lariso180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0408 CUSTOMER NO. 1800

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SANSUM MEDICAL RESEARCH INST 2219 BATH STREET SANTA BARBARA, CA 93105 (805) 682-7640

3. REPORTING FACILITY (List ail locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Lixibox

2219 Bath Street, Santa Barbara CA 93105

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-Human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals	^				0
13. Other Animals					0
				USDA, APHIS, REAC, AC	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executi	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official)	
I certify that the SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	e above is true, correct, and cornplete (7 U.S.C. Section 2143) NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		9/24/2001

AP

PART 1 - HEADQUARTERS

Lari interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0409 CUSTOMER NO. 1807

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

GENTERIC, INC. 2061 CHALLENGER DRIVE ALAMEDA, CA 94501 (510) 522 3523

				(510) 522-3533		
 REPORTING FACILITY (List a sheets if necessary.) 	III locations where animals	were housed or used in	actual research, testing, teaching,	, or experimentation, or held for these	purposes. Attach add	litional
Silects ii Necessal y. j		ſ	FACILITY LOCATIONS(sites)			
See Attached Listing				- Anti-Anti-		
						
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILIT	Y (Attach additional sheets if nece	essary or use APHIS FORM 7023A)		
A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthotic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which experiments, research, surgery conducted involving accompany to the animals and for which the anesthetic, analgesic, or tranquil have adversely affected the pro interpretation of the teaching, re experiments, surgery, or tests. the procedures producing pain animals and the reasons such a must be attached to this report)	or tests were ying pain or distress a use of appropriate lizing drugs would accdures, results, or assearch, (An explanation of or distress in these drugs were not used	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		0	0	0		
5. Cats	0	D	D	0		
6. Guinea Pigs	0	0	0	0		
7. Hamsters	0	0	31	0		31
8. Rabbits	0	0	2	0		2
9. Non-Human Primates	0		8	0		
10. Sheep	0	0	0	0	·	
11. Pigs	0	0	0	. 0		
12. Other Farm Animals	0		0	0		
		! !	`		1	i I
13. Other Animals	O		0	0		
					[[]	
		·			1 1 1 1	
				ncs 18200		
				[11] 061 1 0 2001		·
ASSURANCE STATEMENTS) (
			animals, including appropriate use re followed by this research facility	of anesthetic, analgesic, and tranquili y.	zing arugs, prior to, o	auring,
Each principal investigator has	as considered alternatives	to painful procedures.	1	The state of the s	The second secon	
principal investigator and app	proved by the Institutional	Animal Care and Use Cor	mmittee (IACUC). A summary of	standards and regulations be specified all the exceptions is attached to this, as well as the species and number	is annual report. In	3
• •	r this research facility has	•		veterinary care and to oversee the ade		
			QUARTERS RESEARCH			
;					int) -	DATE SIGNED
						10/11/01

The following sites have been reported by the facility.

Registration Number: Customer Number:

93-R-0409 1807

Facility:

GENTERIC, INC.

2061 CHALLENGER DRIVE ALAMEDA, CA 94501 (510) 522-3533

GENTERIC, INC. 2061 CHALLENGER DRIVE ALAMEDA, CA 94501



Interagency Report Control No. 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT. HEALTH INSPECTION SERVICE 1. REGISTRATION NO. - 0410

FORM APPROVED OMB NO. 0579-0036

ANNUAL	REPORT C	OF RESEA	RCH	FACILITY
	TYPE	OR PRIN	T)	

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA "Include Zip Code) Cremona DR.

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (SILES)

130-B

Cremona

REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	F RESEARCH FACILITY	I IAMach adidiblional sheets if ne	icrssary of use APHIS FORM 7023A)	
Animals Covered By The Animal Wallare Regulations	8. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs,	D. Number of animals upon- which experiments, feaching, research, surgery, or tests were conducted involving- accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquitizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D * E)
4. Dogs					
5. Cats	`			,	
5. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates				Pertelephone W 0 18Dea01 - M	
10. Sheep					
11. Pigs	0	33	0	0 18Dec01 - 11	33
12. Other Farm Animals					
13. Other Animals					
				_	
		·		and the second s	

_				1	The same of the sa	
٠.	Professionally acceptable standards governing the care, t	realment and use of	animals, including and	considuse of spesibelic	Tanginesic, and Iranguilizing	drugs prior to, during
1,	Light Stotion acceptation at State of the Country and		minimus in containing app	W 111		1.77.51
	and following actual research, teaching, testing, surgery,	or experimentation w	ere inliqued by this res	icarch facility. 📳 🍕 🗐		11:11

2). Each principal investigator has considered alternatives to painful procedures.

3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the Institutional Animal Cure and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well such exceptions and number obtained affected.

4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of astequate veterinary care and Applications to other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Legitify that the above is true, corrict, and complete (7 U.S.C. Section 2143).

DATE SIGNED

ASSURANCE STATEMENTS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0411

CUSTOMER NO. 1829

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Y J BIOPRODUCTS, INC.

(TYPE OR PRINT)				11353 PYRITES WAY #14 RANCHO CORDOVA, CA 95670			
				(916) 853-9845			
3. REPORTING FACILITY (List a sheets if necessary.)	all locations where animals	were noused or used in	actual research, testing, teaching,	, or experimentation, or held for these purposes. Attach add	ditional		
See Attached Listing		F	FACILITY LOCATIONS(sites)		· · · · · · · · · · · · · · · · · · ·		
See Attached Listing							
				essary or use APHIS FORM 7023A)			
A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)		
4. Dogs							
5. Cats		7					
6. Guinea Pigs							
7. Harnsters							
8. Rabbits							
9. Non-Human Primates							
10. Sheep							
11. Pigs							
12. Other Farm Animals							
13. Other Animals							
ASSURANCE STATEMENTS	no animal	has been	used in this	s facility is it is in it i	5 H		
and following actual researc 2) Each principal investigator h 3) This facility is adhering to the principal investigator and ap addition to identifying the IAI	h, teaching, testing, surgen as considered alternatives e standards and regulation proved by the Institutional CUC-approved exceptions, or this research facility has	y, or experimentation we to painful procedures. s under the Act, and it ha Animal Care and Use Co this summary includes a	re followed by this research facilit is required that exceptions to the mmittee (IACUC). A summary of brief explanation of the exception	standards and regulations be specified and explained by the fall the exceptions is attached to this annual report, in ns, as well as the species and number of animals, affected veterinary care and to oversee the adequacy of other			
			QUARTERS RESEARCH				
			or Legally Responsible ue, correct, and complete (7 to 1)				
SIGNATURE OF CEO OR IN	ISTITUTIONAL OFFICE	AI NAME	& TITLE OF CEO. OR INS	TITUTIONAL OFFICIAL (Tune or Print)	DATE SIGNED		
I					10/6/0/		

(AUG 91)

.'ART 1 - HEADQUARTERS

additional information.

Interagency Report Control No.

result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. 0180-DOA-AN UNITED STATES DEPARTMENT OF AGRICULTURE 1. REGISTRATION NO. CUSTOMER NO. FORM APPROVED ANIMAL AND PLANT HEALTH INSPECTION SERVICE 93-R-0412 1832 OMB NO. 0579-0036 Laris 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, ANNUAL REPORT OF RESEARCH FACILITY include Zip Code) **AGBIO** (TYPE OR PRINT) 1513 RIVER OAKS DRIVE MODESTO, CA 95356 (209) 727-3688 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E, Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	458	1,776			1,776
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				(V)	
				NOV 20 2001	
ASSURANCE STATEMENTS				HEAL VOLUE OF VO	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic and tranquillizing drugs, prior o, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

 CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
CONTRIBE OF CE O OF INSTITUTIONAL OFFICIAL	ENAME & TITLE OF OF O OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
		11-27-01					

The following sites have been reported by the facility.

Registration Number:

93-R-0412

Customer Number:

1832

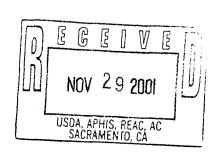
Facility:

AGBIO

1513 RIVER OAKS DRIVE MODESTO, CA 95356

(209) 727-3688

AGBIO 18401 NORTH ATKINS ROAD LODI, CA 95240



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0413

CUSTOMER NO. 1836

OMB NO. 0579-00365

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY HUMBOLT ARCATA HUMBOLDT STATE UNIVERSITY

ARCATA, CA 95521 (707) 826-3256

3. REPORTING FACILITY (List ail locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	. 0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0 ·	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
`		IŞ,			
13. Other Animals - Deer	0	2	0	0	2
Fishers	0	1	0	0	1
Kit Foxes	0	4	0	0	4
Red Foxes	0	5	0	0	5

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquit and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specifie principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to the addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the ac aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

APHIS FORM 7023 (AUG 91)

SI

DATE SIGNED e or Print)

rd explained by the annual report lib annuals affected.

PART 1 - HEADQUARTERS

0 2001

USDA, APHIS, REAC, AC SACRAMENTO, CA

The following sites have been reported by the facility.

Registration Number:

93-R-0413

Customer Number:

1836

Facility:

CALIFORNIA STATE UNIVERSITY HUMBOLT ARCATA

HUMBOLDT STATE UNIVERSITY

ARCATA, CA 95521 (707) 826-3256

CALIFORNIA STATE UNIVERSITY HUMBOLT ARCATA HUMBOLDT STATE UNIVERSITY ARCATA, CA 95521

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0414 CUSTOMER NO. 1837 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

CALIFORNIA STATE UNIVERSITY CHICO

CHICO, CA 95929-0870

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 CALIFORNIA STATE UNIVERSITY CHICO

CALIFORNIA STATE UNIVERSITY CHICC 1ST AND NORMAL STREETS CHICO, CA 95929-0870

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress; or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					:
5. Cats					
6. Guinea Pigs					
7. Hamsters					
3. Rabbits					
9. Non-Human Primates					
10. Sheep	308				
11. Pigs	151				
12. Other Farm Animals					
beef cattle	170				
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use,

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)					
		11/30/2001			

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0414

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CUSTOMER NO.

1837

CALIFORNIA STATE UNIVERSITY CHICO 1ST AND NORMAL STREETS CHICO, CA 95929-0870

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
lairy cattle	111				
					
					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		11/30/2001			

See attached form for additional information Laristeragency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 93-R-0415

CUSTOMER NUMBER:

1838

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2) Each principal investigator has considered alternatives to painful procedures.

California State University Fresno 5241 North Maple Avenue, Ms J

Telephone:

(209)278-2636

Fresno, CA 93740

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animais Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	28	2			2 .
9. Non-human Primate					
0. Sheep					
1. Pigs		· · · · · · · · · · · · · · · · · · ·			
2. Other Farm Animals					
3. Other Animals	·				
Rats	14	14	224	ME BELLINE IN	238
Mice	60	0	23	OCT 7 200	2,3
ASSURANCE STATEMENTS			<u> </u>	10 1 1 COOI 1 COOI 1 7	

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal ca

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATI

APHIS FC

(AUG 91)

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0416 CUSTOMER NO. 1839 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY FULLERTON C/O OFFICE OF GRANTS & CONTRACTS, MH-112 P.O. BOX 6850

FULLERTON, CA 92834

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(siles)

CALIFORNIA STATE UNIVERSITY FULLERTON
FULLERTON, CA 92634

Α.	Y OR UNDER CONTROL O B. Number of animals being	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	f which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			4		4
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
	-				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL					
(Chief Executive Officer or Legally Responsible Institutional official)					
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		11/15/2001			

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

Latis Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE REGISTRATION NO. 93-R-0417

CUSTOMER NO. 1840

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY HAYWARD SCHOOL OF SCIENCE HAYWARD, CA 94542 (510) 885-3441

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) Number of E. Number of animals upon which teaching, Α, Number of D. Number of animals upon animals being animals upor which experiments, experiments, research, surgery or tests were which teaching, Animals Covered bred. teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned, or By The Animal surgery, or tests were conducted involving research. to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would accompanying pain or teaching, testing, tests were have adversely affected the procedures, results, or (Cols. C+ experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these vet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. used. must be attached to this report) California State University, Hayward did not use 4. Dogs any species between october 1, 2000 through 5. Cats September 30, 2001 covered by the AWA used 6. Guinea Pigs 7 Hamsters research tests, experiments or for teaching. 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13 Other Animals ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. SEP 2 8 2001
- 2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other A

aspects of animal c	ale allu use.	
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGN/		TE SIGNED
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QUARTERS

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College of Natural Sciences and Mathematics

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0418

CUSTOMER NO. 1841

FORM APPROVED S/Je OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY LONG BEACH 1250 BELLFLOWER BLVD LONG BEACH, CA 90840 (310) 985-4459

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing

College of Liberal Arts

			·	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analyesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
				·	
13. Other Animals					
Ground Squirre	ls 77		12		12
				n & C & I V & F	7
				10 R R R I A R I L	
ASSURANCE STATEMENTS					
	h, teaching, testing, surger	y, or experimentation wer	nimals, including appropriate use e followed by this research facility		Ling,

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this symmetry includes a brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIC	rectary that the debte is inde, contect, and complete (7 0.3.0. decidin 2149)	DATE SIGNED
		11/27/0

Larignteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0420

CUSTOMER NO. 1843 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

CALIFORNIA STATE UNIVERSITY NORTHRIDGE 18111 NORDHOFF ST NORTHRIDGE, CA 91330 (818) 677-2901

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
. Dogs					
. Cats					
. Guinea Pigs	13	13			13
. Hamsters	86	86			86
. Rabbits					
. Non-Human Primates					
0. Sheep					***
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
rogs	108				
_				NOV 13 2001	

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	aspects of animal care and use.		
		CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
;			DATESIGNED
Ā	1AUG 311 V		EADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0420

Customer Number:

1843

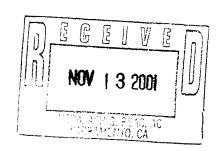
Facility:

CALIFORNIA STATE UNIVERSITY NORTHRIDGE

18111 NORDHOFF ST NORTHRIDGE, CA 91330

(818) 677-2901

CALIFORNIA STATE UNIVERSITY NORTHRIDGE 18111 NORDHOFF ST NORTHRIDGE, CA 91330



Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0421

CUSTOMER NO. 1844

FORM APPROVED OMB NO. 0579-0036 Laris

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE POLYTECHNIC UNIVERSITY 3801 WEST TEMPLE AVE. POMONA, CA 92768 (714) 869-3405

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing Imas Experimenta REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use AF) IIS FORM 7023A) B. Number of E. Number of animals upon which teaching, Number of D. Number of animals upon animals being animals upon experiments, research, surgery or tests were which experiments, Animals Covered which teaching, bred. teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned, or OF ANIMALS research. surgery, or tests were to the animals and for which the use of appropriate Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, interpretation of the teaching, research, conducted distress to the animals D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not yet used for such pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes must be attached to this report) relieving drugs 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 0 9 Non-Human Primates 10. Sheep 11. Pias orses 13. Other Animals RAT ۱ij ASSURANCE STATEMENTS [] |] } Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility ng arlags, prior to, during, 2) Each principal investigator has considered alternatives to painful procedures, 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards. principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is an approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is an approved by this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as NAC predicts and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

APHIS FURIN 1023 (AUG 91)

SIGI

(Replaces vo FORM 10-20 (OCL 00), which is obsolete

FARL I - HEADQUARTERS

DATE SIGNED

11-27-01

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

The following sites have been reported by the facility.

Registration Number:

93-R-0421

Customer Number:

1844

Facility:

CALIFORNIA STATE POLYTECHNIC UNIVERSITY

3801 WEST TEMPLE AVE. POMONA, CA 92768 (714) 869-3405

CALIF STATE POLYTECHNIC UNIV 3801 WEST TEMPLE AVE. POMONA, CA 92768

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0422 CUSTOMER NO. 1845

FORM APPROVED OMB NO. 0579-0036 La

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY SONOMA 1801 EAST COTATI AVE ROHNERT PARK, CA 94928 (707) 664-2370

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being experiments, research, surgery or tests were animals upon which experiments, Animals Covered bred, which teaching, conducted involving accompanying pain or distress teaching, research, TOTAL NO. conditioned or By The Animal research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS held for use in Welfare Regulations experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were have adversely affected the procedures, results, or accempanying pain or (Cals. C+ experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involvina na and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs. must be attached to this report) 4. Dogs 5. Cats Guinea Pios Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 15 n

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

int)	DATE SIGNED
	11/7/01

ASSURANCE STATEMENTS

The following sites have been reported by the facility.

Registration Number:

93-R-0422

Customer Number:

1845

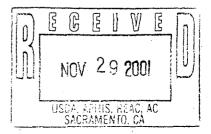
Facility:

CALIFORNIA STATE UNIVERSITY SONOMA

1801 EAST COTATI AVE ROHNERT PARK, CA 94928

(707) 664-2370

CALIFORNIA STATE UNIVERSITY SONOMA 1801 EAST COTATI AVE ROHNERT PARK, CA 94928



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0423 CUSTOMER NO. 8237

FORM APPROVED OMB NO. 0579-0036

s Gris

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY SACRAMENTO 6000 J STREET SACRAMENTO, CA 95819 (916) 278-7381

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMAL: (Cois. C + D + E)
4. Dogs					
5. Cats					
5. Guinea Pigs					
7. Hamsters					
3. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals				· .	
3. Other Animals					
Rats	30	70	43	-0-	113

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

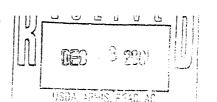
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/30/01

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete



PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0424 CUSTOMER NO. 1846

FORM APPROVED OMB NO. 0579-0036

ART 1 - HEADQUARTERS

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY SAN BERNARDINO 5500 UNIVERSITY PARKWAY SAN BERNARDINO, CA 92407 (909) 880-5058

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)									
FACILITY LOCATIONS(sites) See Attached Listing									
occ Addoned Elsting									
		<u>.</u>							
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)				
	yet used for such purposes.	use of pain- relieving drugs.	tranquilizing drugs were used.	animals and the reasons such drugs were not used must be attached to this report)					
4. Dogs									
5. Cats									
6. Guinea Pigs									
7. Hamsters									
8. Rabbits									
9. Non-Human Primates									
10. Sheep									
11. Pigs		211.00							
12. Other Farm Animals									
13. Other Animals									
coyotes	3								
				-					
ASSURANCE STATEMENTS				The Date of the Control of the E	4 1				
1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.									
The attending veterinarian for aspects of animal care and under the second care.	ise.			veterinary care and to oversee the adequacy of other					
***			QUARTERS RESEARCH or Legally Responsible						
SIGI					DATE SIGNED				

The following sites have been reported by the facility.

Registration Number:

93-R-0424

Customer Number:

1846

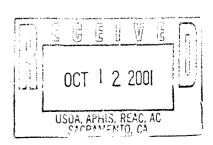
Facility:

CALIFORNIA STATE UNIVERSITY SAN BERNARDINO

5500 UNIVERSITY PARKWAY SAN BERNARDINO, CA 92407

(909) 880-5058

CALIFORNIA STATE UNIVERSITY SAN BERNARDINO 5500 UNIVERSITY PARKWAY SAN BERNARDINO, CA 92407



Interagency Report Control No. Laris 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0425

CUSTOMER NO. 1847

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

CALIFORNIA STATE UNIVERSITY SAN DIEGO 5500 CAMPANILE DRIVE SAN DIEGO, CA 92182 (619) 594-5213

3	3. REPORTING FACILITY (List all locations where animals were housed or used in actual research	n, testing, teaching, or experimentation, or hel	ld for these purposes. Attach additional	
	sheets if necessary.)			
	FACILITY LOCA	ATIONS(sites)		

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered conducted involving accompanying pain or distress TOTAL NO. bred. which teaching. teaching, research, By The Animal conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, have adversely affected the procedures, results, or tests were accompanying pain or (Cols. C+ experiments, interpretation of the teaching, research, conducted distress to the animals D + E) research, or experiments, surgery, or tests. (An explanation of involving no and for which appropriate surgery but not yet used for such pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. must be attached to this report) relieving drugs. used. 4. Dogs 5. Cats Guinea Pigs 7. Hamsters 2 8 Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

1)	Professionally acceptable standards governing the care	treatment, and use of animals	, including appropriate use of					rior to	, during
	and following actual research, teaching, testing, surgery	or experimentation were follow	wed by this research facility.	<u> </u>	nct.	- 1	วกกเ		1
					201	T,	ZUUI -		1

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 LLS C. Section 2143)

SIGNATURE C

See Attached Listing

TE SIGNED

01 - 01

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

The following sites have been reported by the facility.

Registration Number:

93-R-0425

Customer Number:

1847

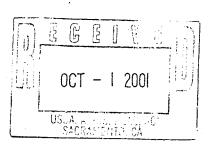
Facility:

CALIFORNIA STATE UNIVERSITY SAN DIEGO

5500 CAMPANILE DRIVE SAN DIEGO, CA 92182

(619) 594-5213

CALIFORNIA STATE UNIVERSITY SAN DIEGO 5500 CAMPANILE DRIVE SAN DIEGO, CA 92182



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0426 CUSTOMER NO. 1848

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

Hensill Hall

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 CALIFORNIA STATE UNIVERSITY SAN FRANCISCO

SAN FRANCISCO STATE UNIVERSITY SAN FRANCISCO, CA 94132

(415) 338-2231

3.	REPORTING FACILITY (List all locations where animals were housed or used in actual research, tes	sting, teaching,	or experimentation,	or held for these purposes.	Attach additional
	sheets if necessary.)				

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) Α. B. Number of Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments. experiments, research, surgery or tests were TOTAL NO. Animals Covered bred. conducted involving accompanying pain or distress which teaching. teaching, research, By The Animal Welfare Regulations conditioned, or OF ANIMALS surgery, or tests were to the animals and for which the use of appropriate research, held for use in teaching, testing, anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or experiments, or conducted involving (Cols. C+ tests were accompanying pain or experiments, distress to the animals interpretation of the teaching, research, D + E) conducted experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these research, or involving no and for which appropriate surgery but not pain, distress, or anesthetic analgesic or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs. must be attached to this report). 4. Dogs 5. Cats Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11, Pigs 12. Other Farm Animals 13, Other Animals 4 hanaaroo rats ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

...---.,

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

Leartify that the above is true, correct, and complete (7 U.S.C. Section 2143).

EADQUARTERS

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0427 CUSTOMER NO. 1849

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY SAN JOSE ONE WASHINGTON SQUARE SAN JOSE, CA 95192 (408) 924-2480

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

		•			
REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			-		
5. Cats					
6. Guinea Pigs					
7. Hamsters		· · · · · · · · · · · · · · · · · · ·			
3. Rabbits	1	0	14	0	15
9. Non-riuman Primates					
10. Sheep					
11. Pigs					,
12. Other Farm Animals					
13. Other Animals					
Sea lions			4		4
(Zalophus cali	fornianus)				
				TEGELVE	_111
ASSURANCE STATEMENTS				Ų l	1/11/14

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgasic, and tranquilizing days, price to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report Ab addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and 16 oversee the adequacy of other aspects of animal care and use.

Ç	ERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional official)
	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

· HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0427

Customer Number:

1849

Facility:

CALIFORNIA STATE UNIVERSITY SAN JOSE

ONE WASHINGTON SQUARE

SAN JOSE, CA 95192

(408) 924-2480

CALIFORNIA STATE UNIVERSITY SAN JOSE ONE WASHINGTON SQUARE SAN JOSE, CA 95192

Interagency Report Control No 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0430 CUSTOMER NO. 8817

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

21ST CENTURY MEDICINE, INC. 10844 EDISON COURT RANCHO CUCAMONGA, CA 91730 (909) 466-8633

		F	ACILITY LOCATIONS (sites)		
See Attached Listing					
· · · · · · · · · · · · · · · · · · ·					
		F RESEARCH FACILITY	f (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMAI (Cols. C + D + E)
l. Dogs	Ø	Ø	Ø	Ø	Ø
i. Cats	Ø	Ø	Ø	ď	Ø
i. Guinea Pigs	Ø	Ø	Ø	Ø	Ø
. Hamsters	8	Ø	Ø	J. Comments of the second	Ø
. Rabbits	-0-	ϕ	237	Ø	237
. Non-Human Primates	Ø	Ø	Ø	Ø	Ø
0. Sheep	Ø	0	0	Ø	Ø
1. Pigs	Ø	Ø	Ø	Ø.	\varnothing
2. Other Farm Animals	Ø	Ø	Ø	Ø	\emptyset
3. Other Animals	Ø	Ø	Ø	Ø	Ø
				ANIARA	
SSURANCE STATEMENTS	<u></u>				

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other ______ aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive Officer or Legally Responsible Institutional official)	

10-30-01

1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0432 CUSTOMER NO. 9191 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA, BERKELEY 119 CALIFORNIA HALL BERKELEY, CA 94720-1500

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

THE UNIVERSITY OF CALIFORNIA, BERKELEY BERKELEY, CA 94720-1500

Α.	B. Number of animals being	C. Number of animals upon	Number of animals upon which experiments.	ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching, experiments, research, surgery or tests were	F.
Animals Covered By The Animal	bred, conditioned, or	which teaching, research,	teaching, research, surgery, or tests were	conducted involving accompanying pain or distress to the animals and for which the use of appropriate	TOTAL NO.
Welfare Regulations	held for use in	experiments, or	conducted involving	anesthetic, analgesic, or tranquilizing drugs would	OF ANIMALS
	teaching, testing, experiments,	tests were conducted	accompanying pain or distress to the animals	have adversely affected the procedures, results, or interpretation of the teaching, research,	(Cols. C + D + E)
	research, or surgery but not	involving no	and for which appropriate	experiments, surgery, or tests. (An explanation of	J - 2,
	yet used for such	pain, distress, or use of pain-	anesthetic, analgesic, or tranquilizing drugs were	the procedures producing pain or distress in these animals and the reasons such drugs were not used	
·	purposes.	relieving drugs.	used.	must be attached to this report)	
4. Dogs					
5. Cats	2		23		23
6. Guinea Pigs			4		4
7. Hamsters	56	178	843		1021
8. Rabbits	13	181	68		249
9. Non-Human Primates			6		6
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Squirrels	12	106	56		162
Тисо Тисо		25			25
Voles	1	6	4		10

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION B	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL				
(Chief Executive Officer or Legally Responsible Institutional official)					
	above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)					
		1			

11/13/2001

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0432

CUSTOMER NO. 9191 FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA, BERKELEY 119 CALIFORNIA HALL BERKELEY, CA 94720-1500

REPORT OF ANIMALS USED B			(Attach additional sheets if nece	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Wild, Mouse	74	165	85		250
Wild, Rats		329			329
Wood Rats		4	178		182
California Pocket Mice		41			41
Chipmunks	2	2	4		6
Coyotes		13			13
Gerbils	3	70			70
Gophers	12	37			37
Hedgehogs		14			14
Hyenas			43		43
Hyraxs	12		26		26
Kangaroo Rats	1	72	6		78
Red Foxes		3			3

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executi	NBY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official)				
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) DA					
		11/13/2001			

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

93-R-0432

Customer Number:

9191

Facility:

UNIVERSITY OF CALIFORNIA, BERKELEY

119 CALIFORNIA HALL BERKELEY, CA 94720-1500

Field Station for Behavioral Research Life Sciences Addition Minor Hall Northwest Animal Facility Stanley Hall Valley Life Sciences Building

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0433 CUSTOMER NO. 9192 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA, DAVIS ONE SHIELDS AVE DAVIS, CA 95616

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

THE UNIVERSITY OF CALIFORNIA, DAVIS

DAVIS, CA 95616

A.	B. Number of	C. Number of	D. Number of animals upon	ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	17	58	301		359
5. Cats		169	109		278
6. Guinea Pigs		6	139		145
7. Hamsters		4	52		56
8. Rabbits		105	698		803
9. Non-Human Primates		2200	2461		4661
10. Sheep		1597	391		1938
11. Pigs		726	296		1022
12. Other Farm Animals					
13. Other Animals					
sea lion		***	100		100
squirrel		33	.123		156
vole			200		200

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I contify that the above in true correct, and complete (7.11.5.C. Seption 24.43)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/30/2001

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0433

CUSTOMER NO. 9192 FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code)
UNIVERSITY OF CALIFORNIA, DAVIS

ONE SHIELDS AVE DAVIS, CA 95616

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

REPORT OF ANIMALS USED BY	Y OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
water buffalo		32			32
bear			20		20
deer		27	43		70
degu		150			150
elephant		2	8	701.301	10
ferret		5	205		210
gerbil		125	172	7.70.0	297
marmot			3		3
wild mice			147		147
mountain lion			3		3
opossum			65		65

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL e Officer or Legally Responsible Institutional official)	
certify that the	e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/30/2001

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0434

CUSTOMER NO. 9193

FORM APPROVED LATIS

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) UNIVERSITY OF CALIFORNIA, IRVINE

155 ADMINISTRATION BUILDING IRVINE, CA 92697 (949) 824-5085

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of E. Number of animals upon which teaching, Α. D. Number of animals upon animals being animals upon which experiments, experiments, research, surgery or tests were

FACILITY LOCATIONS(sites)

Animals Covered By The Animal Welfare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		12			12
5. Cats			117		117
6. Guinea Pigs		84	3		87
7. Hamsters		262			262
8. Rabbits		47	235		282
9. Non-Human Primates					
10. Sheep					
11. Pigs			34		34
12. Other Farm Animals					
Chicken		281	`		281
13 Other Animals					
Ampniolan		971	111 .		1082
Gerbil			190	NOV 2.33 2001	190
Goat			2	1107 2001	2
ASSURANCE STATEMENTS				The state of the s	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility:

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFIC		
		pe or Print)	DATE SIGNED
			11/20/01
APHIS FORM 7023	(Replaces VS FORM 18-23 (Oct 88), which is obsolete	PART 1 -	HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0434

CUSTOMER NO. 9193

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA, IRVINE 155 ADMINISTRATION BUILDING **IRVINE, CA 92697** (949) 824-5085

REPORT OF ANIMALS USED BY	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use this form.)				
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Peromyscus sp.			43		43
Snake		· .	12		12
Turtle			30		30
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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APHIS FORM 7023A	(Replaces VS FORM 18-23 (Oct 88), which is obsolete	PART 1	- HEADQUARTERS
			11/20/01
SIG		or Print)	DATE SIGNED
·	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFF (Chief Executive Officer or Legally Responsible Institutional offi	icial)	

(AUG 91)

nactual research, testing, teaching, or experimentation, or held for these purposes. Attach additions

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0436

include Zip Code)

CUSTOMER NO. 9195

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036,

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

REPORTING FACILITY (List all locations where animals were housed or used sheets if necessary.)
 REPORTING FACILITY (List all locations where animals were housed or used sheets if necessary.)

UNIVERSITY OF CALIFORNIA, RIVERSIDE OFFICE OF RESEARCH AFFAIRS 200 UNIVERSITY OFFICE BUILDING

RIVERSIDE, CA 92521 (909) 787-5535

See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) Number of Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned, or By The Animal research. surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic.analgesic, or tranquilizing drugs would teaching, testing, tests were have adversely affected the procedures, results, or accompanying pain or (Cols. C+ interpretation of the teaching, research, experiments. conducted distress to the animals D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these vet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 198 52 7. Hamsters Rabbits IÜ 9 Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals aa 13. Other Animals 104 143 3 3

FACILITY LOCATIONS(sites)

hesthetic, analgesic, and tranquilizing drugs, prior to, during, 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility

8

2) Each principal investigator has considered alternatives to painful procedures.

12

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the specific and explained by the

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	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SI		DATE SIGNED
		11/26/01

ASSURANCE STATEMENTS

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Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0438

CUSTOMER NO. 9197

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) UNIVERSITY OF CALIFORNIA, SANTA BARBARA

OFFICE OF RESEARCH SANTA BARBARA, CA 93106 (805) 893-3807

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

				ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats			20		20
6. Guinea Pigs			25		25
7. Hamsters					
8. Rabbits	2		22		22
9. Non-Human Primates					
10. Sheep					
11. Pigs			6		6
12. Other Farm Animals					
Cattle		229			229
13. Other Animals					
Ferrets Island Fox Island SpoHedSkunk			36		36
Island Fox		34			34
Island Spotted Skunk		31			31

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

ATE SIGNED 11-27-01

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

USDA, APHIS, READ.

PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0438 CUSTOMER NO. 9197

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA, SANTA BARBARA OFFICE OF RESEARCH SANTA BARBARA, CA 93106 (805) 893-3807

REPORT OF ANIMALS USED BY	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use this form.)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)		
Ground Squirrel Gophers Dormice Degus		Det .	19		8319		
Gophers		147			147		
Dormice	10						
Degus	පි						
J							
ASSURANCE STATEMENTS			L				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		!
SIGNATURE OF C.E.O. OR	INSTITUTIONAL OFFICIAL	it)	DATE SIGNED
			11-27-01
APHIS FORM 7023A (AUG 91)	(Replaces VS FORM 18-23 (Oct 88), which is obsolete	PART 1	HEADQUARTERS

USDA, APIAS, PEAC, AC SACRAMENTO CA

The following sites have been reported by the facility.

Registration Number:

93-R-0438

Customer Number:

9197

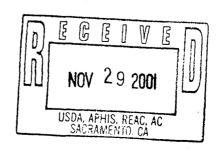
Facility:

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

OFFICE OF RESEARCH SANTA BARBARA, CA 93106

(805) 893-3807

THE UNIVERSITY OF CALIFORNIA, SANTA BARBARA OFFICE OF RESEARCH SANTA BARBARA, CA 93106



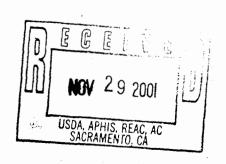
Animal Resource Center- Central Vivarium Biological Sciences Bldg #571 Room 6183, UCSB Main Campus

Vivarium Psychology Bldg Room 3607, UCSB Main Campus

Sierra Nevada Aquatic Research Laboratory (SNARL) Mammoth Lakes, CA

Sedgewick Reserve Santa Ynez, CA

Santa Cruz Island Reserve Santa Cruz Island, CA



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0439 CUSTOMER NO. 9198 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA, SANTA CRUZ 1156 HIGH STREET SANTA CRUZ, CA 95064

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

THE UNIVERSITY OF CALIFORNIA, SANTA CRUZ SANTA CRUZ, CA 95064

A.	B. Number of	C. Number of	D. Number of animals upon	ssary or use APHIS FORM 7023A)	l F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animats and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D+E)
4. Dogs					
5. Cats				·	
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	14	· · · · · · · · · · · · · · · · · · ·	2		2
9. Non-Human Primates					
10. Sheep		······································			
I1. Pigs					
12. Other Farm Animals					
13. Other Animals					
cetaceans		2			2
pinnipeds		7	8		15
cetaceans		2			2

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL				
(Chief Executive Officer or Legally Responsible Institutional official)					
I certify that th	e above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		10/25/2001			

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0439 CUSTOMER NO. 9198

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 UNIVERSITY OF CALIFORNIA, SANTA CRUZ

UNIVERSITY OF CALIFORNIA, SANTA CRUZ 1156 HIGH STREET SANTA CRUZ, CA 95064

REPORT OF ANIMALS USED B	Y OR UNDER CONTROL C	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use this form.)	
A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
pinnipeds		7	8		15
			:		
				73.6	
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		10/25/2001			

write Mt. Research Station, Owen, Valley

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0441

CUSTOMER NO. 9200

FORM APPROVED

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA WHITE MOUNTAIN RESEARCH -9500 GILMAN DRIVE

LA JOLLA, CA 92093 (619) 822-0165

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

laboratory + Bare Eft Laboratory, REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of E. Number of animals upon which teaching, Α. Number of D. Number of animals upon animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned, or By The Animal research. surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or teaching, testing, tests were accompanying pain or (Cols. C+ experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or involvina na experiments, surgery, or tests. (An explanation of and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs. used. must be attached to this report) 6 6 4. Dogs 5. Cats 24 24 6. Guinea Pigs Hamsters Rabbits 9. Non-Human Primates 88 88 10. Sheep

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executi	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) ne above is true, correct, and complete (7 U.S.C. Section 2143)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
SIGNATURE OF OF A OR INSTITUTIONAL OFFICIAL	THAME & TITLE OF O.E.O. OR INSTITUTION AL OFFICIAL (Type or Print)	DATE SIGNED
		13.00

11. Pigs

12. Other Farm Animals

ASSURANCE STATEMENTS

13 Other Animals

711111

The following sites have been reported by the facility.

Registration Number:

93-R-0441

Customer Number:

9200

Facility:

UNIVERSITY OF CALIFORNIA WHITE MOUNTAIN RESEARCH -

9500 GILMAN DRIVE LA JOLLA, CA 92093 (619) 822-0165

UNIVERSITY OF CALIFORNIA-WMRS 3000 EAST LINE STREET BISHOP, CA 93514

NOV 2 6 2001

USDA, APTIIS, REAC, AC SACRAMIENTO, CA

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0442

CUSTOMER NO. 9336 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CORTEX PHARMACEUTICALS, INC. 15241 BARRANCA PARKWAY

15241 BARRANCA PARKWAY IRVINE, CA 92618 (949) 727-3157

١.	REPORTING FACILITY	(List all locations where animals were	e housed or used in actual resea	rch, testing, teaching	, or experimentation	, or held for these purposes.	Attach additional
	sheets if necessary.)			=-	•	. ,	

FACILITY LOCATIONS(sites)

See Attached Listing

15241 Barranca Parkway Truine CA 92618

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C+ D+E)
4. Dogs					
5. Cats					·
6. Guinea Pigs					
7. Hamsters		•			
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Mongolian Gerbil)	231			
				Altar 1 1 V 31313	
				Mari NUV 1 9 2001	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic analysis and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Officer or Legally Responsible Institutional official)	
L	- I codify that the above is true sources and somelate (7.11.5.0. Seeline 34.43)	
SI		DATE SIGNED
٠		Nov 9,01
AF	-H	EADQUARTERS

Interagency Report Confed No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 1566

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

FORM APPROVED

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include Zip Code) BIOSITE DIAGNOSTICS, INC. 11030 ROSELLE ST.

92121 SAN DIEGO, CA

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these -purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

VIVARIUM - DISCOVERY BUILDING

11065 ROSELLE ST., SAN DIEGO, CA 92121

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).
4. Dogs				
5. Cats				
6. Guinea Pigs		-		
7. Hamsters				
8. Rabbits		Ø		ø
9. Non-human Primates				
10. Sheep				·
11. Pigs				
12. Other Farm Animals				
13. Other Animals				
				19 2001 U
ASSURANCE STATEMENTS				TISTA APHIS REAC, AC

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic. Special SNd Dacquilizing drugs; prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facilit

2). Each principal investigator has considered alternatives to painful procedures.

3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions; this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

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r Print)

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0444

CUSTOMER NO. 10138

CMB NO. 0579-0036 FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PERRY SCIENTIFIC 7999 VICKERS ST SAN DIEGO, CA 92111 (909) 699-6339

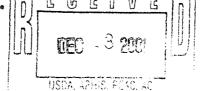
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing

	00 1110 00 00 1700 C		(44)	ACUIO FORMATIONAL)	
REPORT OF ANIMALS USED BY			·	,	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs			30		30
7. Hamsters		-		. —	0
8. Rabbits			204		204
9. Non-Human Primates	Name of the Contract of the Co		-		0
10. Sheep					0
11. Pigs			66		66
12. Other Farm Animals					0
					0
13. Other Animals					0
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
S		DATE SIGNED
_		11/29/2001
APHIS FORM 7023	(Replaces VS FORM 18-23 (Oct 88), which is obsolete	ADQUARTERS

(AUG 91)



The following sites have been reported by the facility.

Registration Number:

93-R-0444

Customer Number:

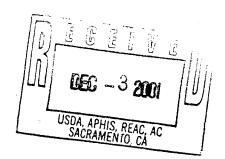
10138 PERRY SCIENTIFIC

Facility:

7999 VICKERS ST SAN DIEGO, CA 92111

(909) 699-6339

PERRY SCIENTIFIC, INC. 7999 VICKERS ST SAN DIEGO, CA 92111



L3(15 Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0445 CUSTOMER NO. 8670

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

EPICYTE PHARMACEUTICAL, INC. 5810 NANCY RIDGE DRIVE, STE 150 SAN DIEGO, CA 92121

	(858) 554-0281
 REPORTING FACILITY (List all locations where animals were housed or used in actual research sheets if necessary.) 	, testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LOCA	ATIONS(sites)
See Attached Listing	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	Ð				Ð
5. Cats	B				Ò
6. Guinea Pigs	D				.0
7. Hamsters	Ø				Ð
8. Rabbits	Ø				Ð
9. Non-Human Primates	Ð				Ø
10. Sheep	Ø				8
11. Pigs	D				D
12. Other Farm Animals	Ø				Ø
13. Other Animals	Ð		<u> </u>	; W G C)	Ð
				DEC 4 2001	
ASSURANCE STATEMENTS				USDA, APHIS. REAC, AC	···

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic analgesic) and Annquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
SIC		ATE SIGNED
	/	2/11/01

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0446 CUSTOMER NO. 10329

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

ABOVE

CNLY

sheets if necessary.)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

C V THERAPEUTICS 3172 PORTER DRIVE PALO ALTO, CA 94304 (650) 812-0585

See Attached Listing			-ACIENT EUCATIONS(siles)		.,~
	OR UNDER CONTROL C			ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Weifare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			610		610
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
10. Sheep					
11. Pigs					
12. Other Farm Animals					
		,			
13. Other Animals				200	
				NOV 9 설비 : [기	
				1 10 40 AC	
ACCUDANCE STATEMENTS				F. 1013	
ASSURANCE STATEMENTS 1) Professionally acceptable s	tandards governing the car	e treatment and use of	animals including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, prior to, or	lurina
and following actual research	ch, teaching, testing, surger	y, or experimentation we	re followed by this research facility		idiniy,
Each principal investigator !	nas considered alternatives	to painful procedures.			

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

EACH ITY LOCATIONS (-it-al

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	e above is true, correct, and complete (7 U.S.C. Section 2143) I NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

APF

(AUG 91)



PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0448 CUSTOMER NO. 8647 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 LYCHRON, LLC

2569 WYANDOTTE MOUNTAIN VIEW, CA 94043

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

MOUNTAIN VIEW, CA 94043

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			30		30
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			56		56
9. Non-Human Primates					
10. Sheep			97		97
11. Pigs			458		458
12. Other Farm Animals					
Calves			7		7
13. Other Animals					
4					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)				
1	1	10/24/2001		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0449

CUSTOMER NO. 11593

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

15/15/ OMB NO. 0579-0036

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

AVANIR PHARMACEUTICALS 11388 SORRENTO VALLEY ROAD, STE 200 SAN DIEGO, CA 92121 (858) 622-5227

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites) See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon experiments, research, surgery or tests were which experiments Animals Covered which teaching, bred. teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs v ould teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or and for which appropriate involving no experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 0 0 73 0 73 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals Ś **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and ranguilizing drogs prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

DATE SIGNED

11/20/01 PART 1 - HEADQUARTERS

AFRIO FURMINIUZS (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

APHIS Form 7023 Site List

. The following sites have been reported by the facility.

Registration Number: Customer Number:

93-R-0449 11593

Facility:

AVANIR PHARMACEUTICALS

11388 SORRENTO VALLEY ROAD, STE 200

SAN DIEGO, CA 92121

(858) 622-5227

11388 SORRENTO VALLEY ROAD, STE 200 SAN DIEGO, CA 92121

Attachment to APHIS Form 7023

Registration Number:

93-R-0449

Customer Number:

11593

Facility:

Avanir Pharmaceuticals

11388 Sorrento Valley Road, Suite 200

San Diego, CA 92121

(858) 622-5227

The number reported on Line 6 (Guinea Pigs), columns B, D and F does not reflect the total number of guinea pigs received by Avanir. In addition, there were five (5) guinea pigs that were either dead on arrival or died within two days of being received. Reports were made of these incidents to both the USDA and the vendor, Charles River Laboratories.

The total number of animals that actually came through the Avanir facility was 78.

See reverse side for additional information.

L3/15 Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0452 CUSTOMER NO. 13449

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

NOVE (SEE ATTACHED)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SERVICES, M. J 4 LEXINGTON WAY TRABUCO CANYON, CA 92679 (949) 858-1707

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered which teaching, TOTAL NO. conducted involving accompanying pain or distress teaching, research, By The Animal conditioned, or OF ANIMALS research, to the animals and for which the use of appropriate surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, (Cols. C + tests were accompanying pain or have adversely affected the procedures, results, or experiments, conducted interpretation of the teaching, research, D + E) distress to the animals research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. must be attached to this report) used. 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 3. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 1107 ASSURANCE STATEMENTS 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. OCT 2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

aspects of animal ca	re and use.	
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Officer or Legally Responsible Institutional official)	
	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIC		DATE SIGNED
		10/24/01

See reverse side for additional information. Arjinteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0453

CUSTOMER NO. 12957

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

NEREUS PHARMACEUTICALS 9393 TOWNE CENTER DR., STE 210 SAN DIEGO, CA 92121 (858) 587-4090

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

Nereus Pharmaceuticals, Inc.

9393 Towne Centre Drive Suite 110 San Ditan, CA 92171

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	00	. 0	0	00
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0 .
13. Other Animals	0	0	0	0	0
ASSURANCE STATEMENTS				NOV - 1 2001 U	

¹⁾ Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

ATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

s

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

13967 93-R-0464

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

Bionike, Inc. 1015 Grandview Dr. So. San Francisco, CA 94080

(TYPE OR PRINT)

ANNUAL REPORT OF RESEARCH FACILITY

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary.)

FACILITY LOCATIONS (Siles)

Bionike, Inc. 1015 Grandview Dr.

REPORT OF ANIMALS LISED BY	OR LINDER CONTROL O	E RESEARCH FACILITY	(Attach adulthonal shoots dige	ecessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but nol yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-retieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	Ø	Ø	2	Ø	2
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs `					
12. Other Farm Animals					
13. Other Animals					
mice	30	$\not\supset$	45	Ø	45
		/			
ASSURANCE STATEMENTS	. 4				

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2). Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all sucressed to this sandard in the species and number of animals affected.

Section 1. Critical Section 1. Critical Section 2. Critical Section 2. Critical Section 3. Critical

 The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Language and the second of the

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

L OFFICIAL (Type or Print)

DATE SIGNED

APHIS FORM 7023 (AUG 91)

SI

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

See reverse side for additional information.

_3[\SInteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0455

CUSTOMER NO. 14459

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

VACCINE RESEARCH INSTITUTE OF SAN DIEGO 3030 SCIENCE PARK ROAD, STE 100 SAN DIEGO, CA 92121 (858) 587-9505

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

A. Animals Covered By The Animal Welfare Regulations	8. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats		24			24
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals			·		
13. Other Animals					
ASSURANCE STATEMENTS					yr G C

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF CEO OF INSTITUTIONAL OFFICIAL

□ ATE SIGNED

3/27*/*01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

See reverse side for additional information

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 REGISTRATION NO. 93-R-0456

CUSTOMER NO. 11108

FORM APPROVED Latis

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

VICAL, INC. 9373 TOWNE CENTRE DRIVE, STE 100 SAN DIEGO, CA 92121

(858) 646-1247

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

9373 Towne Centre Drive, Suite 100

San Diego, CA 92121

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	O. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthelic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
I. Dogs					
5. Cats					
6. Guinea Pigs					
. Hamsters					
3. Rabbits			12		12
). Non-Human Primates					
0. Sheep					
1. Pigs		·			
2. Other Farm Animals					
3. Other Animals		Elitaria de la companya de la compa			·· ····
					·
ASSURANCE STATEMENTS					

1)	Professionally acceptable standards governing the care	, treatment, and use of animals,	, including appropriate use	of anesthetic,	analgesic,	and tranquilizing	drugs, prior	r to, during,
•	and following actual research, teaching, testing, surger	y, or experimentation were follow	ved by this research facility.	. 211			• .	

2) Each principal investigator has considered alternatives to painful procedures.

NOV 2 7 200! 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual moort, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION B'	Y HEADQUARTERS	RESEARCH	FACILITY (OFFICIAI
(Chief Executive (Officer or Lengthy R	esponsible fr	estitutional	official)

it)	DATE SIGNED
	٠.
	11-21-01

PART 1 - HEADQUARTERS

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0457

CUSTOMER NO. 14659

(707) 285-2200

FORM APPROVED OMB NO. 0579-0036/35/5

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MARIN/SONOMA MOSQUITO & VECTOR CONTROL DISTRICT 595 HELMAN LANE **COTATI, CA 94931**

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

FACILITY LOCATIONS(sites)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	12				
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				DEGIVED	
				USDA, APHIS, REAC, AC SAURAMENTO, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care	and use.		
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)		
-			DATE SIGNED
APHIS FORM 7023	(Replaces VS FORM 18.73 (Oct 88) which is checiate	PART 1 - HE	ADQUARTERS

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0457

CUSTOMER NO. 14659

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MARIN/SONOMA MOSQUITO & VECTOR CONTROL DISTRICT 595 HELMAN LANE **COTATI, CA 94931** (707) 285-2200

REPORT OF ANIMALS USED BY	OK DUDEK COULKOL C	OF RESEARCH FACILITY (Attach additional sheets if necessary of use this form.)			
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
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(,	
Note:	Two	Divines "	Dias We	re housed at	4/10
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	anin	ials			
ASSURANCE STATEMENTS				THE DEC 10 2011	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. USDA, APHIS. REAC, AC SACRAMENTO, CA

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

> CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

DATE SIGNED

See reverse side for additional information. Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0458

CUSTOMER NO. 15140

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Fiscal Year 2001

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MATTHIAS RATH, INC. 213 EAST GRAND AVENUE SAN FRANCISCO, CA 94080 (650) 266-7458

NOV

3. REPORTING FACILITY (List all locations where anima sheets if necessary.) Matthias Ka	s were housed or used in actual research, testing, teaching, or experimentation. The 2nd 213 East Grand AV	n, or held for these purposes. Attach additional c. South San Francisco CA 9	1091			
FACILITY LOCATIONS (sites)						

Same as above

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	nīl	nil	nd	nit	nii
5. Cats	ni	nıl	nil	nul	nel.
6. Guinea Pigs	nit	ml	mì	nil	rul.
7. Hamsters	nil	nil	nd	nut	ml.
8. Rabbits	nil	mi	nil	nit	nit
9. Non-Human Primates	nil	nil	nil	nil	ml
10. Sheep	ni	ni	nil	nil	nul
11. Pigs	nid	nil	nil	nil	nil
12. Other Farm Animals	nil	nil	nil	rul	rul'
13. Other Animals	nie	nil	nil	nil	mi
			2 70 2 20 20 20 20 20 20 20 20 20 20 20 20	GEBINE D	

1)	Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of	anesthe	tić, analge	sic, and tranqu	ilizing drugs, p	rior to, du	iring
	and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.	11 -	1)				٠
••		- 11 1		NOV C	~ 20 01		

aspects of animal care and use.		
CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	ve Officer or Legally Responsible Institutional official) ne above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		NOV 28,

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0459 CUSTOMER NO. 15068

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ARENA PHARMACEUTICALS 6166 NANCY RIDGE DRIVE SAN DIEGO, CA 92121 (858) 453-7200

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

Headquarters Research Facility

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	$\overline{\phi}$	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	-	-0	0
7. Hamsters	0	\ominus	0	Θ	0
8. Rabbits	-0	4	0	0	9
9. Non-Human Primates	\bigcirc	ф		0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	4	0	0	-0
13. Other Animals	0	-0	Θ	-0	0
				·	
Water and the second se					
ASSURANCE STATEMENTS					
and following actual research	andards governing the care h, teaching, testing, surger	y, or experimentation wer	nimals, including appropriate use e followed by this research facility	of anesthetic analgesic, and tranquilizing drugs prior to.	dúring

Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual frequent. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals effected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

DATE SIGNED

RT 1 - HEADQUARTERS

See reverse side for additional information.

Interagency Report Control No Latio 180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0450

12283

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

USDA, APHIS, ANIMAL CARE 9580 MICRON AVE., SUITE J SACRAMENTO, CA 95827-2623

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

Allermed Laboratories, Inc.

FACILITY LOCATIONS (Siles)

7203 Convoy Ct.

San Diego, CA 92111

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, axperiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. TO
4. Dogs					
5. Cats					
6. Guinea Pigs	17	230	26		256
7. Hamsters					
3. Rabbits		,			
Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
				= = 0 0 1 N E D	
13. Other Animals					
				Wall word A short well	
				1901	
				THE COURT HEAD, AD	

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered atternatives to painful procedures.
- 3). This lacility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL. (Chief Executive Officer or Legally Responsible Institutional Official) certify that the above is true, correct, and complete (7 U.S.C. Section 2143).			
	DATE SIGNED		
	11-07-01		

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036 MS

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

University of California, San Francisco Laboratory Animal Resource Center San Francisco, CA 94143-0564

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, leaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

See Attached.

Α.	B. Number of	C Number of	(Attach adiditional sheets if ne	E. Number of animals upon which leaching,	i i
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in leaching, lesting, experiments, research, or surgery but not yet used for such purposes.	aminals upon which feaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMAL (Cols. C D + E)
4. Dogs		0	68	О	68
5. Cats	29	0	93	0	93
6. Guinea Pigs		78	168	0	246
7. Hamsters		72	1,858	0	1,930
8. Rabbits		93	1 ,831 <i>-</i> ∅	96 - 00	1020
9. Non-human Primates		46	166	Pertelephone w/	212
10. Sheep		23	187	(b)(6), (b)(7)c	210
11. Pigs		0	445	29 No 100 0	445
12. Other Farm Animals					
13. Other Animals					
Ferrets		0	4	0	4

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	(Chief Executive	Y HEADQUARTES RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official) e above is true, correct, and complete (7 U.S.C. Section 2143).	
SIGNATURE OF	FICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11 · 20 · 90

APHIS FORM (AUG 91 FORM 18-23 (OCT 88), which is obsolete.)

PART 1 - HEADQUARTERS

Optional Column E Explanation Form

This form is intended as an aid to completing the Column E explanation. It is <u>not</u> an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1	D i-44i Nii	02 D 0440		
1.	Registration Number:	93-R-0440		
2.	Number	35	of animals used in this	study.
3.	Species (common name) Rabbit	of animals used in this	study.
4.	via a cut-down over the r the procedure, which is a animals suffer no ill effect experimental infection the to a small proportion of t control rabbits are euthan animals. Signs of infect resolve in two to three dat to provide fluid replacem	roduce pain or distress in right neck. However, go also performed in Categors from it, additional are at is produced with Staphe animals. Signs of in nized approximately 24h ion abate with institution as. During the first two ment and some calories uponts are continued as ne	on the animals. I) Aortic valve can eneral and local anesthesia are provided an animals. As the period of nalgesia has not been deemed nephylococcus aureus in this animal fection appear at 18-24h after in after inoculation, which minimal of antimicrobial agents in treato days of the experiment, supplementil the appetite returns. If fluid eded. Food supplements such as	rovided prior to and during discomfort is brief and cessary. II) The all model may cause distress oculation. Untreated, izes the distress in these ted animals and generally mental fluid is administered intake remains poor
5.	used to determine that produced testing, see que Analgesics are not being necessary. Pain is not a practice of Infectious Disa frequency of 10-15%. It but the model is a ortic valendocarditis in humans, a protocol includes use of fidisease. 2) Analgesics all depression, and thereby conditions a depression, and thereby conditions are the second testing testing the second testing testing testing the second testing testin	pain and/or distress re estion 6 below) used during the period of prominent symptom of eseases" lists pain in asso Pain is a more prominerally endocarditis. Base analgesics are rarely need aluid supplementation are so may alter the natural contribute to mortality, of other than antimicrobia	or distress could not be relieved dief would interfere with test re- of infection for the following rea- endocarditis. The chapter in Ma- ciation with endocarditis that oc- nt feature of tricuspid valve (or re- d on my experience with several aded in the management of left-send antimicrobial therapy, which course of the disease, lead to over the real of this type would yed by any investigators using the	esults. (For Federally asons. 1) They are not ndel's "Principles and curs at various locations at ight-sided) endocarditis, hundred cases of ided endocarditis. Also the ameliorate signs of the er-sedation or respiratory s with antimicrobials. be highly questionable
5.			rocedure? Cite the agency, the fic section number (e.g., APHI	
	Agency		CFR	

Optional Column E Explanation Form

This form is intended as an aid to completing the Column E explanation. It is <u>not</u> an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

Ι.	1. Registration Number: 93-R-0440	
2.	2. Number 61	of animals used in this study.
3.	3. Species (common name) Rabbit	of animals used in this study.
4.	Column E usage because they were exposed to to discomfort felt by humans in the room in which to second-hand smoke. However, it is not clear to are exposed to tobacco smoke for 8 hours per day clean air. Their food intake is the same as control have a drug placed in their drinking water which the same as the controls. Thus, neither of the about countermeasures appear necessary. Blood sample	ACUC) requested that these rabbits be categorized as obacco smoke. This determination was based on the these rabbits are housed during the period of the exposure that this causes any physical distress to the rabbits. They y, 5 days per week, for 10 weeks, and otherwise breathers and their weight gain is the same as controls. They also does not seem to cause any distress. Their water intake is ever appear to produce any distress and therefore no es are drawn twice during the whole 10 week period. This with the rabbits in a restraining box for a short time. Again,
5.	used to determine that pain and/or distress rel mandated testing, see question 6 below) Because the purpose of the study is to determine inhibitors and angiotensin receptor blockers on va- rabbits exposed to second-hand smoke, additional	r distress could not be relieved. State methods or means ief would interfere with test results. (For Federally the comparative effects of angiotensin converting enzyme ascular function and atherosclerosis in cholesterol-fed I fresh air would eliminate the exposure required to distress is caused by exposure to tobacco smoke or by
6.	6. What, if any federal regulations require this particle Regulations (CFR) title number and the specif	rocedure? Cite the agency, the Code of Federal ic section number (e.g., APHIS, 9 CFR 113.102):
	Agency	CFR

Attachment to APHIS Form 7023, Federal Fiscal Year 1999/2000 (93-R-0440)

UCSF REPORTABLE IACUC-APPROVED EXCEPTIONS

Project Title and Number: Functional Organization of the Central Auditory and Somatosensory Systems (#100000094)

Number and Species Used: 12 Non-Human Primates

"Monkeys are behaviorally trained using operant conditioning methods, working for liquid rewards or for nutritionally-complete 200 mg food pellet rewards. In training procedures in which liquid rewards are used, animals are deprived of all liquids for a period lasting from the end of one training session and a short, following ad libitum drinking period to the beginning of the next training session, typically about 22 hours. Animal weight is monitored daily; if his/her weight were to fall below 90% (which has not been recorded in training in these monkeys), all deprivation procedures would be halted. The liquid rewards used are typically Tan or fruit juices that have been enriched with vitamin C, for which these animals have a strong dietary need and a strong taste preference. The same basic procedures are applied when food pellet rewards are used in training. That is, animals are weight daily, and while their weights are within 90% of the pre-training weight, deprived for about 22 hours prior to the behavioral training session. After training is completed, they are fed standard monkey chow and fruit for a limited period (about 1 hours) ad libitum.

Animals work in behavioral training for between about 15 minutes up to no more than 2 hours. All participation is self-initiated (voluntary) by the monkey. With rare exception, monkeys work behavioral five days a week, and are given ad libitum access to fluids and food in their cage over the weekend. In a fluid-deprived monkey, animals have continuous, ad libitum access to food; in a food-deprived monkey, the animal has continuous, ad libitum access to fluids."

Project Title and Number: Neural Control of Eye Movement; Cortical Plasticity Systems (#10000511)

Number and Species Used: 12 Non-Human Primates

"Studies require that we be able to elicit repeatedly the same sequence of eye movements. Therefore, monkeys are trained to fixate and follow a small spot of light; as the spot moves, so move the monkey's eyes. In exchange for tracking the target, monkeys receive juice or water reinforcements. To induce the monkeys to work, other sources of fluid are withheld. The regime is controlled in several ways. First, each monkey's fluid intake in the training period is monitored and supplemented as necessary. Individuals vary widely in the level of fluid intake that allows them to maintain health. motivation and weight. Therefore, we do not have any specific guideline about how much fluid a monkey should receive each day. Rather, we allow his past history of fluid intake and weight to be a guide for how much he needs. Second: each time an animal is trained or run in an experiment, the animal's weight is recorded and the fluid intake is adjusted to ensure that there is no steady weight loss. Third: animals are given extra fluid after the experiment, or training, on Friday, and their fluid intake on Saturday is increased accordingly. Often on Sunday the restrictions restart to condition the animals for the study on Monday. The exact amount of supplementary fluids depends on the individual monkey, including parameters such as his weight and the amount of fluids he can take without losing motivation for the next experimental day. The "maintenance dose", which is our goal for all days not to be followed by experimental days, is normally about 300 ml, but can be as high as 400 or (rarely) as low as 200. Our goal is to provide the monkeys with enough fluids so that they remain healthy and gain weight, without abolishing their motivation to work in our experiments. If the data are reviewed over a long time frame, the monkeys gain weight with this amount of fluid,

Attachment to APHIS Form 7023, Federal Fiscal Year 1999/2000 (93-R-0440)

even though there are day-to-day and week-to-week fluctuations. We have not conducted systematic lab tests at different times in this course of restricted fluid intakes, but we have not observed any values that are outside the normal range in blood tests taken for other reasons.

We record each monkey's fluid intake daily, including separate indications of the amount of water and fruit. To establish a history, I receive documentation each week of the amount of fluid received by each monkey in the previous week and the average weight. Comparison of the values on a weekly basis provides a basis for deciding whether a monkey is receiving adequate fluids."

Project Title and Number: Factors Modifying Craniofacial Growth and Temporomandibular Joint Function in the Rabbit (#89004653)

Number and Species Used: 12 Rabbits

"The aim of these studies is to identify the role of the female reproductive hormones relaxin and estrogen in the etiopathogensis of temporomandibular joint (TMJ) disease in women. A role for estrogen has been proposed, but little conclusive evidence to support this theory is available and the potential role of other female reproductive hormones in TMDs has not been examined. Of particular interest is relaxin, which is found systemically only in cycling or pregnant women and which causes pelvic joint hypermobility. We intend to determine the accessibility, binding and effects of exogenous relaxin on tissues of the temporomandibular joint in vivo. This will entail ovariectomizing rabbits to minimize levels of endogenous relaxin and implanting a subcutaneous osmotic pump into the animal's back to deliver consistent levels of relaxin.

Two surgical procedures are necessary since we need to first remove the ovaries to negate the effects of endogenous estrogen and relaxin, and the second surgery to implant the osmotic pumps in order to deliver exogenous relaxin only after the endogenous levels of relaxin and estrogen have dropped to undetectable levels. The second surgery is a minor procedure and will be performed 14 days after the ovariectomy."

3. The following are the locations where regulated animals were housed or used during the year [Section 2.36(b)(4)]:

Parnassus Heights Campus Hunters Point Campus Laurel Heights Campus (not used for regulated animals in FY 99-00) Mission Center Campus (not used for regulated animals in FY 99-00) San Francisco General Hospital

Column E:

The University of California at San Francisco is committed to using laboratory animals in such a way as to minimize pain or discomfort. Each project is reviewed by a committee and many protocols have been redesigned to meet this goal. Attached are the explanations of the procedures producing pain or distress in the animals covered by Subchapter A - Animal Welfare and reported in column E during the period 10/1/99 through 9/30/00 and the reasons anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretations of the research. Separate Optional Column E forms (2) are attached.

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 93-R-0280

CUSTOMER NUMBER: 1117

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Elan Pharmaceuticals, Inc.

800 Gateway Blvd.

Telephone:

(415)877-9000

San Francisco, CA 94080

3. REPORTING FACILITY (List all locations where animals were noused or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animitis upon which teaching, research, experiments or tests were conducted involving no pain distress, or use of pain-relieving drugs.		E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		148	50	75	223
7. Hamsters				- Land	
8. Rabbits			_ · - 		
9. Non-human Primate	·	-· · · · · · · · · · · · · · · · ·			<u> </u>
0. Sheep		<u>i</u>	 		
1. Pigs		_ ·-···	·		
2. Other Farm Animals					
		:			
3. Other Animals					
<u></u>		:			
!					
		- · — · · · · · · · · · · · · · · · · ·			
ASSURANCE STATEMENTS				TO BE BELLY STATES	·····
2) Each principal investing a characteristic action in the control of the contro	igator has considered alto ng to the standards and re roved by the Institutional a eptions, this summary inc	experimentation were followed ernatives to painful procedures agulations under the Act, and it Animal Care and Use Committe dudes a brief explanation of the dility has appropriate authority	by this research facility, I has required that exception re (IACUC). A summary of all re exceptions, as well as the to ensure the provision of ac		by the principal to identifying the
		CERTIFICATION BY HE (Chief Executive Office	ADQUARTERS RESEAR cer or Legally Responsib	CH FACILITY OFFICIAL le Institutional Official)	
SIGNATI	· · · · · · · · · · · · · · · · · · ·		NAME & TITUE OF C.E.O.	OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED
APHIS FORM 7023 (R (AUG 91)	Replaces VS FORM 18-23	OCT 88), which is obsolete.	_ !	<u></u>	11/26/0

USDA Annual Report of Research Facility - Column E Explanation

- 1. Registration Number: 93-R-0280
- 2. Number of animals used in this study: 25
- 3. Species of animals used in this study: Guinea Pigs
- 4. Explain the procedure producing pain and/or distress.

(b)(4)
Introduction



Procedure



5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine pain and/or distress relief would interfere with the test results.



Attachment A

(b)(4)		

MA-ADG-081D

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0251

CUSTOMER NO. 1128

FORM APPROVED OMB NO. 0579-0036

Lar

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

AMGEN ONE AMGEN CENTER DRIVE THOUSAND OAKS, CA 91320

(805) 447-1000 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

See Attached Listing

Thousand Oaks, CA

A. Animals Covered By The Animal Weifare Regulations -	8. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain—relieving drugs.	Y (Attach additional sheets if nece D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, axperiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	15	18	0	33
5. Cats	N/A	N/A	N/A -	N/A	N/A
6. Guinea Pigs	0	16	8	0	24
7. Hamsters	0 .	0	0	0 .	0
8. Rabbits	20	1	57	168	226
9. Non-Human Primates	N/A	N/A	N/A	N/A	N/A
10. Sheep	N/A	N/A	N/A	N/A	N/A
11. Pigs	· 0	0	1	0	1
12. Other Farm Animals	·				
13. Other Animals					

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of angethetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

NOV 2 5 2001 1) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional official)
	certify that the above is true, correct, and complete (7 U.S.C. Section 2143)
	SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) DATE SIGNED
	11/19/01
i	

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is <u>not</u> an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Nu	ımber:	93-R-0251	
2. Number	111	-	of animals used in this stud
3. Species (commo	n name)	Rabbit	of animals used in this stud
. Explain the pro	cedure produ	icing pain and/or distress	S.
(4)			
•			
. Provide scientific	justification w	why pain and/or distress co	uld not be relieved. State methods o
means used to det	termine that p	ain and /or distress relief w	uld not be relieved. State methods or ould interfere with test results. (Fo
Provide scientific means used to det Federally mandated	termine that p	ain and /or distress relief w	uld not be relieved. State methods or could interfere with test results. (For
means used to det Federally mandate	termine that p	ain and /or distress relief w	uld not be relieved. State methods or rould interfere with test results. (For
means used to det Federally mandate	termine that p	ain and /or distress relief w	uld not be relieved. State methods or yould interfere with test results. (Fo
means used to det Federally mandate	termine that p	ain and /or distress relief w	uld not be relieved. State methods or yould interfere with test results. (Fo
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means used to det Federally mandate	termine that p	ain and /or distress relief w	uld not be relieved. State methods o rould interfere with test results. (Fo
means used to det Federally mandate	termine that p	ain and /or distress relief w	uld not be relieved. State methods o Yould interfere with test results. (Fo
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means used to det Federally mandate	termine that p	ain and /or distress relief w	uld not be relieved. State methods of rould interfere with test results. (Fo
means used to det Federally mandated	termine that paid testing, see qu	ain and /or distress relief w uestion 6 below)	rould interfere with test results. (Fo
means used to det Federally mandated What, if any, federally	termine that particular description of testing, see quality of the control of the	ain and /or distress relief we uestion 6 below) as require this procedure?	rould interfere with test results. (Fo
means used to det Federally mandated 4) What, if any, fede	ermine that per description of the second regulation of title number	ain and /or distress relief we uestion 6 below) as require this procedure? or and specific section numbers.	Cite the agency, the Code of Federal

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is <u>not</u> an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registratio			
2. Number	57	·	of animals used in this study
3. Species (co	mmon name)	Rabbit	of animals used in this study
4. Explain the	procedure produc	cing pain and/or distres	S.
o)(4)			
?/\ * /			
			•
means used	to determine that pa	in and /or distress relief v	ould not be relieved. State methods of vould interfere with test results. (Fo
means used Federally ma	ntific justification wi to determine that pa ndated testing, see qu	in and /or distress relief v	ould not be relieved. State methods o would interfere with test results. (Fo
means used Federally ma	to determine that pa	in and /or distress relief v	ould not be relieved. State methods of vould interfere with test results. (Fo
means used Federally ma	to determine that pa	in and /or distress relief v	ould not be relieved. State methods of vould interfere with test results. (Fo
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means used Federally ma	to determine that pa	in and /or distress relief v	ould not be relieved. State methods of would interfere with test results. (Fo
means used Federally ma	to determine that pa indated testing, see qu	in and /or distress relief v	vould interfere with test results. (Fo
means used Federally ma What, if an	to determine that paindated testing, see qui	in and /or distress relief vestion 6 below) s require this procedure?	vould interfere with test results. (Fo
means used Federally ma 4) What, if an	to determine that paindated testing, see quindated testing, see quin	in and /or distress relief vestion 6 below) s require this procedure? and specific section numbers.	vould interfere with test results. (Fo

See reverse side for additional information,

Interagency Report Control No LariS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0189

CUSTOMER NO. 1143

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

NORTHVIEW PACIFIC LABORATORIES, INC. 551 LINUS PAULING DRIVE HERCULES, CA 94547

3. REPORTING FACILITY (Liet	all locations where animal	s were housed or used :-	actual tanagers to the St	(510) 964-9000	
sheets if necessary.)	CHI COMMON WINDS ALIMINGS			, or experimentation, or held for these purposes. Attach ac	ditional
See Attached Listing			FACILITY LOCATIONS(sites)		
	D 1.	0 (Ì		
551 Linus	Pauling 1	hive			
Hercules, C.	A 9454	7	ļ		•
REPORT OF ANIMALS USED BY			f (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
	B. Number of animals being	C. Number of animals upon	Number of animals upon which experiments.	E. Number of animals upon which teaching, experiments, research, surgery or tests were	F.
Animals Covered By The Animal	bred, conditioned, or	which teaching	teaching, research,	conducted involving accompanying pain or distress	TOTAL NO.
Welfare Regulations	held for use in	research, experiments, or	surgery, or tests were conducted involving	to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would	OF ANIMALS
	teaching, testing, experiments,	tests were conducted	accompanying pain or	have adversely affected the procedures, results, or	(Cols, C+
	research, or	involving no	distress to the animals and for which appropriate	interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of	D + E)
	surgery but not yet used for such	pain, distress, or use of pain-	anesthetic, analgesic, or tranquilizing drugs were	the procedures producing pain or distress in these]
	purposes.	relieving drugs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
4. Dogs					
5. Cats					
6. Guinea Pigs	193	4032	0	2918	6950
7. Hamsters	0	0	6	0	6
8. Rabbits	191	5339	497	0	5838
9. Non-Human Primates					
10. Sheep		<u></u>			
11. Pigs	0	2	0	8	2
12. Other Farm Animals				-	
13. Other Animals					
ASSURANCE STATEMENTS 1) Professionally acceptable state	andards governing the com-	Implement		□ B B	S A WI B
and following actual research	, teaching, testing, surgery	, or experimentation were	nmals, including appropriate use of followed by this research facility.	of anesthetic, analgesic, and tranquilizing drugs prior to	lurida o C
Each principal investigator ha			·	11.51	
principal investigator and appl	roved by the institutional A	unimal Care and Use Com	mittee (IACHC). A summary of a	tandards and regulations be specified and explained by the	T 30 2001
The attending veterinarian for aspects of animal care and us	this research facility has a	appropriate authority to en	when explanation of the exceptions usually the provision of adequate ve	s, as well as the species and number of animals affected, sterinary care and to oversee the adequacy of other USDA	APHIS, REAC, AC
	CERTIFIC	ATION BY HEADO	UARTERS RESEARCH	FACILITY OFFICIAL	CRAMENTO, CA
	(Chief E	xecutive Officer o	r Legally Responsible Ir	stitutional official)	
CNATHDE OF CEO OF INC	TCENT		e, correct, and complete (7 U.	S.C. Section 2143) ITUTIONAL OFFICIAL (Type or Print)	DATE SIGNIES
	. 100	- Include a	. THEE OF G.E.O. OR (NST	TO TORAL OFFICIAL TIVOE OF PRINT)	DATE SIGNED
	1 12.21	(Oct 88), which is obsc	nlate.		<u> </u>
	1 10-4	Cor ook willed is obse	Nete	PART 1 - HE	ADQUARTERS

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1	Registration Number: 93-R-0(89
2.	Number 29/8of animals used in this study.
3.	Species (common name) Guinea Pisof animals used in the study.
	Explain the procedure producing pain and/or distress b)(4)
5.	Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below) Method IS fectually mandated.
	What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102): AgencyFDACFR

1. ISO 10993-10, Part 10 (1995) 2. FOA OOE Memorandam #695-1

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

والروائق أرهبت والواجسة ما تعاليا بعادات والأراج

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0067

CUSTOMER NO. 1168

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, ALLERGAN

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional ALLERGAN FACILITY LOCATIONS(sites) IRVINE, CA 92713-9534

	B. Number of	C Number of	TY (Attach additional sheets if nec	essary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations 4. Dogs	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	O. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, axperiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL (Cois. C + D + E)
5. Cats		36	7	35	46
i. Guinea Pigs					
Hamsters			520		86
Rabbits			390		520
Non-Human Primates	33	999	325	92	390
Sheep		36	88		1416
Pigs					124
Other Farm Animals					
Other Animals					
RANCE STATEMENTS Professionally acceptable standard and following actual research, teach					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

	no use. The provision of adequate veteriors.	
	CERTIFICATION BY USE 2015	
	(Chief Executive Officer RESEARCH FACILITY OFFICE	
SIGNATURE OF C.E.O. OR	INSTITUTIONAL OFFIce with above is true, correct and complete institutional official)	
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	
	OFFICIAL (Type or Print)	DATE SIGNED
APHIS FORM 7023		ONLE SIGNED
(AUG 91)	(Replaces VS FORM 18-23 (Oct 88), which is obsolete	11/14/2001
	PARTA	·

PART 1 - HEADQUARTERS

1. Registration Number: 93-R-0067 / 1168
2/3. Species (common name) & Number of animals used in this study: Rabbits (92)
4. Explain the procedure producing pain and/or distress. The procedure for this study involves the administration of (b)(4) to rabbits for dose range finding. Rabbits for neutralizing antibodies similar to man and the formation of neutralizing anti-bodies in man is one of the limiting factors for long term use of this and other products in man. (b)(4) Clinical signs. The clinical signs include loss of appetite, labored breathing and mild to severe paralysis. 5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below) The scientific need is to determine maximum tolerated doses as determined by the production of neutralizing antibodies with the least amount of toxicity. When searching for the upper limits there will be occasional toxicity that will occur. As stated in item 4 there is no pain associated with this model, but there may be mild to severe distress (b)(4)
Agency: NA
CFR:

APHIS Form 7023 Column E Explanation

This is a	PidilatiOff
This form is intended as an aid to complete	
use is voluntary. Names and to completing the AP	PHIS Form 7023 Column E explanation. It is not an official form and its rinary care programs, and the like, are not required as part of an so as to be understood by lay persons as well.
evolunation A.O. Marries, addresses, protocols, veter	ringly core and Column E explanation. It is not an official form and it
explanation. A Column E explanation must be write-	rinary care programs, and the like, are not required as part of an n so as to be understood by lay persons as well as scientists.
	n so as to be understood by lay name.
	as scientists

1. Registration Number:

93-R-0067

2/3. Species (common name) & Number of animals used in this study:

Dogs (35)

4. Explain the procedure producing pain and/or distress.

The procedure for this study is the oral administration of candidate therapeutic agents to dogs with the purpose of The procedure for this study is the oral administration agents. (b)(4)

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

The scientific need to determine toxicity is mandated by federal regulatory agencies. The dose at which some toxicity is found is required information prior to clinical trials for new experimental agents in man. Morbidity or mortality is not expected outcomes of this study. The toxic symptoms that may be observed include but are not limited to changes in body (b)(4)

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency: M3: Timing of Pre-Clinical Studies in Relation to CFR: Clinical Trials (Maintenance)

Stierlin Court Mountain View Cd

See reverse side for additional information Interagency Report Control No 3/5/

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.
93-R-0400

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address. as registered with USDA include Zip Code)

Intra Biotics Pharmaceuticals, Inc.

2021 Stierlin Court

Mountain View, CA 94043

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Affach adigitional sheets if necessary or use APHIS FORM 7023A.) Number of C. Number of Number of animals upon which teaching, Number of ammais upon animais being animals upon experiments, research, surgery or tests were which experiments, bred, Animals Covered which teaching. conducted involving accompanying pain or distress teaching, research, conditioned, or By The Animal research, to the animals and for which the use of appropriate surgery, or tests were conducted involving TOTAL NO. held for use in anesthetic, analgesic, or tranquilizing drugs would Welfare Regulations experiments, or OF ANIMALS teaching, lesting, experiments, lesis were have adversely affected the procedures, results, or interpretation of the teaching, research, accompanying pain or conducted distress to the animals research or experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these involving no (Cols. C + D + E) and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were purposes. relieving drugs. must be attached to this report). used. Dogs Cats Guinea Pigs Hamsters 37 Rabbits Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals -13. Other Animals أبالك SACRAMENTO, CA

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to pamful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
		6/12/01		

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

3/4

Optional Column E Explanation Form

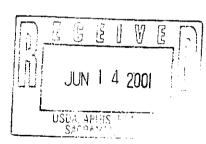
This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

Registration Number: 93-R-0400
 Number of animals used in this study.
 Species (common name) Rabb. of animals used in this study.
 Explain the procedure producing pain and/or distress.

Please see attached

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)

Please See attached



6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Sec attached

ran eur

Answer to question #4:



Answer to question # 5:

Pain or distress is not the intended goal of the experimental design. However, in establishing the adverse effects of a new research drug, some pain or distress may occur. The use of pain relievers or anesthetics, other than at the time of blood collection, could alter an animal's response to a test agent by masking the adverse effects or by affecting the rates of metabolism, uptake, and elimination. A change in an animal's response to a test agent could alter the interpretation of the study and therefore compromise the integrity of the study.

Answer to question # 6 Cite agency, CFR title number, specific section number (e.g., APHIS, 9 CFR 113.102):

FDA, 21 CFR 312.23.a.8.i, ii.

